

monitoring the future occasional paper series

Paper 85

DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS 1988–2014

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Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth

As its title suggests, this study is intended to assess the changing lifestyles, values, and preferences of American youth on a continuing basis. Each year since 1975, at least 13,000 seniors have participated in the annual survey, which is conducted in some 130 high schools nationwide. Since 1991, the study's annual surveys also have included surveys of similar nationally representative samples of eighth- and tenth-grade students. In addition, subsamples of high school seniors from previously participating classes receive follow-up questionnaires by mail each year.

This Occasional Paper Series is intended to disseminate a variety of products from the study, including pre-publication (and somewhat more detailed) versions of journal articles, other substantive articles, and methodological papers.

A full listing of occasional papers and other study reports is available on the study's website, www.monitoringthefuture.org. The website contains a complete listing of all publications from the study, the abstracts or full text of many of these publications, and recent press releases.

The mailing address of Monitoring the Future is Institute for Social Research, The University of Michigan, P.O.Box 1248, Ann Arbor, MI 48106.

Occasional Paper 85

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Acknowledgments

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DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS 1988-2014

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INTRODUCTION

This occasional paper presents subgroup findings from the Monitoring the Future (MTF) study on levels of and trends in the use of a number of substances for nationally representative samples of high school graduates ages 19–30. The data have been gathered in a series of follow-up surveys of representative subsamples of high school seniors who were first surveyed in 12th grade as part of the MTF study. Therefore, the universe being described omits people who did not complete high school—between 8–15% of each age group, with the most recent class cohorts closer to the bottom of that range.¹ Surveys of the graduating cohorts of high school seniors started in 1976 and have continued with each graduating class since. Data were first available for the 19–22 age group in 1980 and for the older age groups in subsequent years, as the tables and figures in this occasional paper indicate.

The general epidemiological findings from these samples are contained in *Volume II* of the annual monograph series.² The subgroup trends shown in the current occasional paper complement the last section of Chapter 5 (Trends in Drug Use in Early and Middle Adulthood) of that monograph by presenting the trend data for young adult subgroups in both graphic and tabular form. The results are described and discussed in Chapter 5, but the extensive set of tables and figures is provided here for the reader who wishes to view the figures and the underlying numerical values.

Three demographic dimensions are differentiated: gender, region of the country, and population density. Gender includes trends for males and females; region describes trends for each of the four major regions defined by the U.S. Census;³ and population density differentiates trends for five levels of urbanicity.⁴

The Table of Contents and List of Figures in this occasional paper contain clickable links to the content and figures herein. Following each figure is a table giving the numerical values associated with each trend line in that figure.

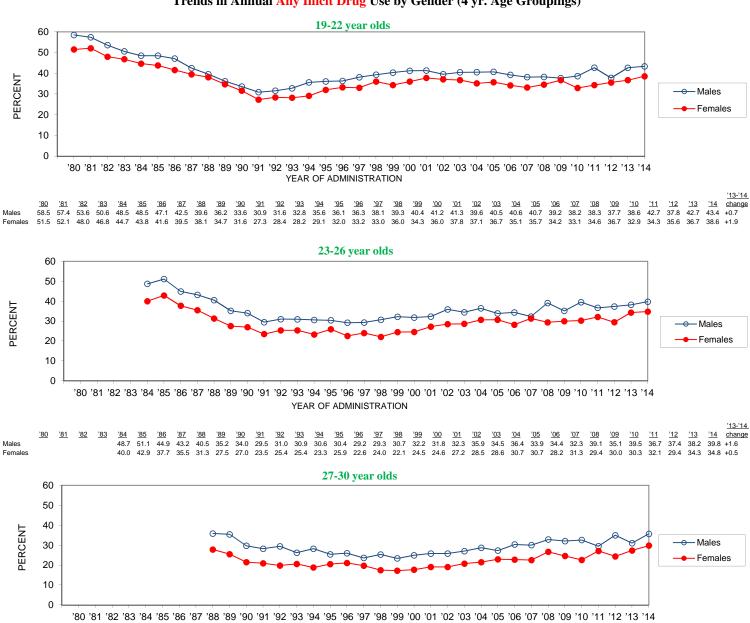
¹ U.S. Census Bureau. (various years). Current population reports, Series P-20, [various numbers]. Washington, DC: U.S. Government Printing Office. Available at http://www.census.gov/cps/data/cpstablecreator.html

² Johnston, L. D., O'Malley, P. M., Bachman, J. G., Schulenberg, J. E., & Miech, R. A. (2015). *Monitoring the Future national survey results on drug use, 1975-2014.* <u>Volume II</u>: College students and adults ages 19-55. Ann Arbor: Institute for Social Research, The University of Michigan. <u>Available at http://monitoringthefuture.org/pubs/monographs/mtf-vol2_2014.pdf</u>.

³ Beginning in 1987, a question about state of residence was added to all follow-up questionnaires, permitting trend data to be calculated for the four regions of the country since then. The four regions are: Northeast, Midwest, South, and West.

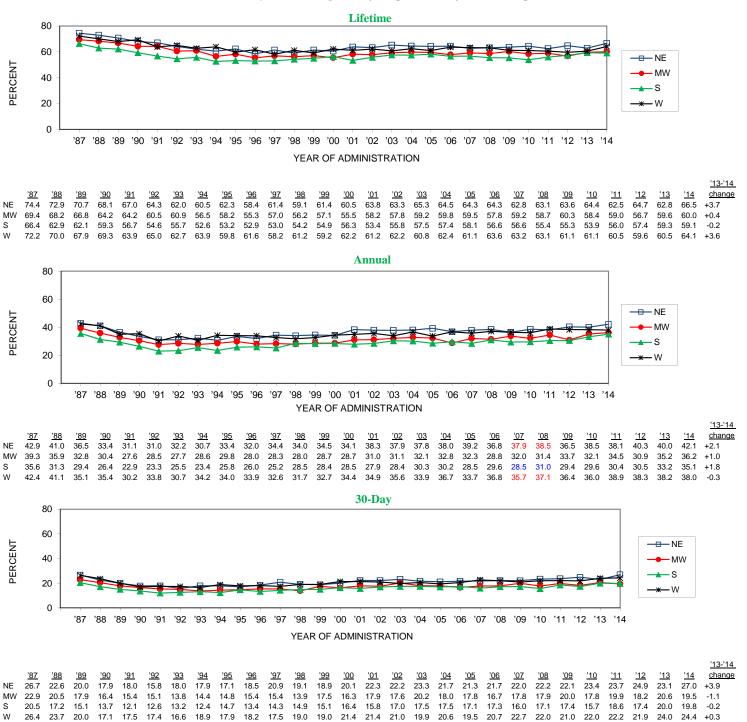
⁴ Based on the respondent's answer to the question, "During March of this year did you live mostly..." five levels of population density are distinguished: in a very large city (over 500,000 people); in a large city (100,000 to 500,000); in a medium-sized city (50,000 to 100,000); in a small city or town (under 50,000); and on a farm/in the country." Data on the suburbs of cities of each size were combined with the corresponding city.

Trends in Annual Any Illicit Drug Use by Gender (4 yr. Age Groupings)

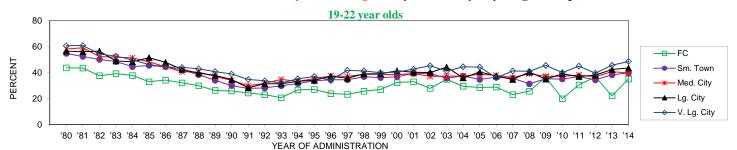


YEAR OF ADMINISTRATION

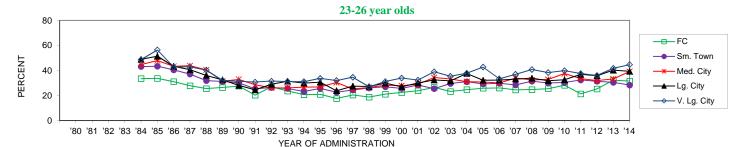
Trends in Any Illicit Drug Use by Region (1-10 yrs. Past High School)

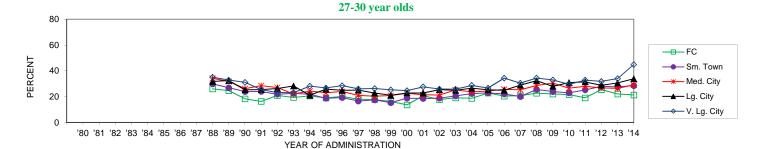


Trends in Annual Any Illicit Drug Use by Urbanicity (4 yr. Age Groups)

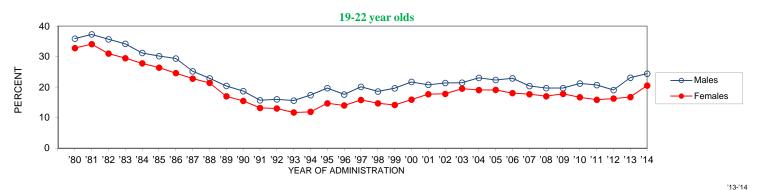


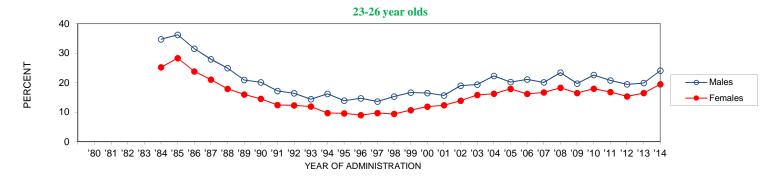
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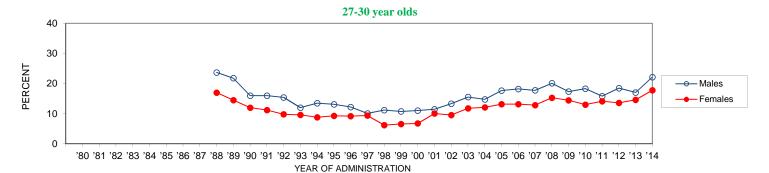


Trends in Annual Any Illicit Drug Other Than Marijuana Use by Gender (4 yr. Age Groupings)

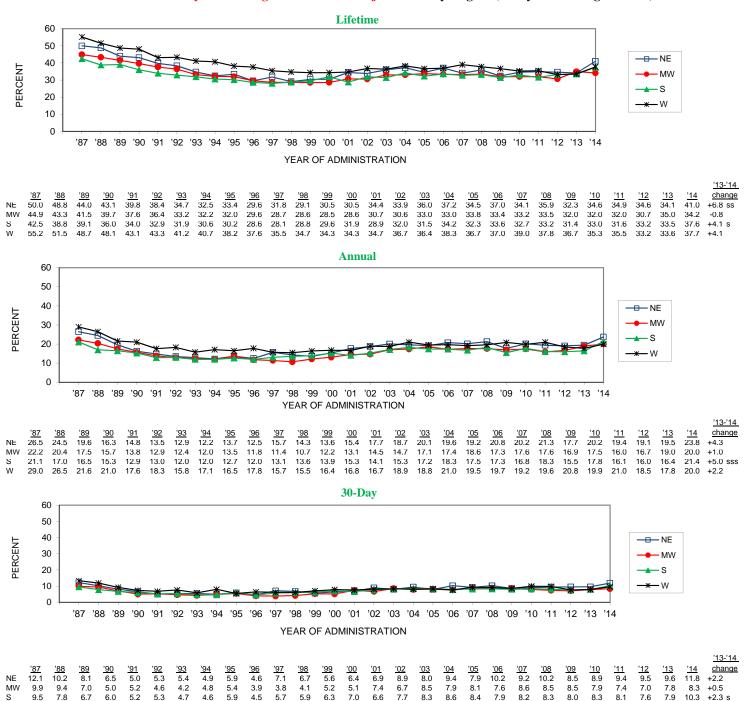




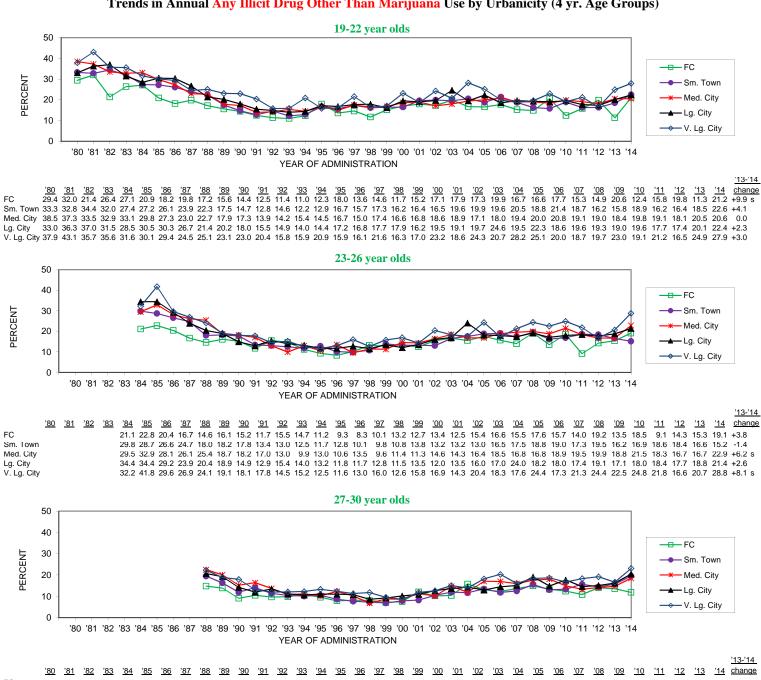
Hales



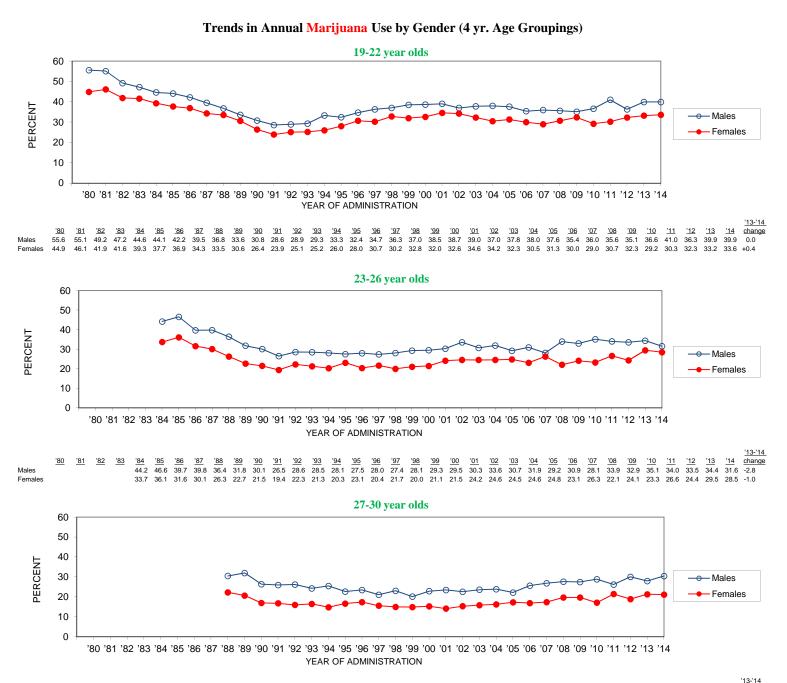
Trends in Any Illicit Drug Other Than Marijuana Use by Region (1-10 yrs. Past High School)

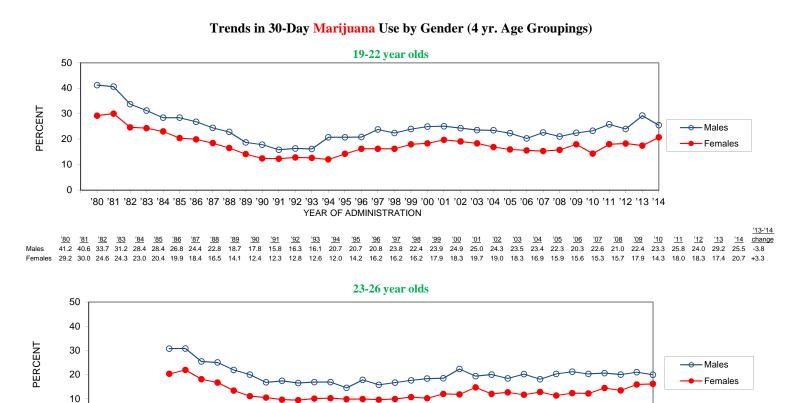


Trends in Annual Any Illicit Drug Other Than Marijuana Use by Urbanicity (4 yr. Age Groups)



FC Sm. Town 14.8 13.9 9.1 10.5 9.7 9.8 10.9 9.6 7.9 8.2 19.5 16.3 11.9 14.1 11.4 10.4 10.1 10.5 8.6 7.7 7.1 6.9 7.5 12.1 10.2 10.4 15.8 13.1 12.3 13.7 15.0 13.3 12.5 10.9 14.1 13.6 11.9 -1.7 7.9 8.3 10.4 12.0 11.7 13.5 11.9 12.5 15.6 13.1 13.3 15.7 14.4 15.7 19.5 +3.8 8.1 7.3 Med. City 22.5 20.1 15.2 16.4 13.7 10.8 11.2 10.3 12.3 10.2 6.8 8.8 8.6 11.3 10.2 14.7 11.9 17.1 17.0 16.0 17.6 18.1 14.9 13.3 14.2 14.7 18.5 +3.8 Lg. City 20.7 19.2 14.2 12.0 13.4 11.2 10.6 11.1 11.0 10.8 8.6 9.3 10.2 11.0 12.7 13.7 14.3 12.9 14.5 15.1 19.1 14.8 17.7 14.6 15.1 16.2 20.4 +4.2 V. Lg. City 22.3 18.8 18.0 13.1 12.0 12.1 12.3 13.3 12.4 11.3 11.8 9.5 8.6 11.8 12.6 15.0 13.9 18.2 20.3 16.1 18.4 18.7 16.8 18.3 19.2 16.7 23.1 +6.5



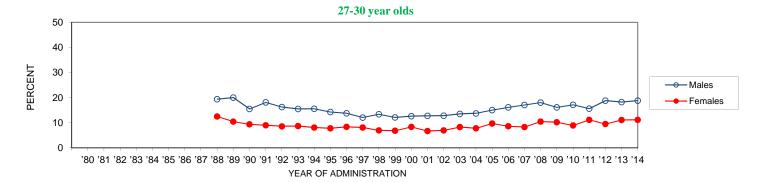


<u>'13-'14</u> '80 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 chan
16.9 16.9 14.5 17.8 15.8 16.7 17.6 18.3 18.5 22.3 19.4 20.0 18.4 20.2 18.1 20.3 21.2 20.3 20.6 20.0 21.0 20.0 -1.0 '07 '08 '09 '10 '11 '12 '13 '14 change 30.7 30.8 25.4 25.0 21.9 20.0 16.8 17.4 16.5 Males Females 9.4 10.1 10.2 9.8 9.9 9.6 9.9 10.7 10.2 12.0 11.8 14.7 12.0 12.6 11.7 12.8 11.3 12.4 12.2

'80 '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14

YEAR OF ADMINISTRATION

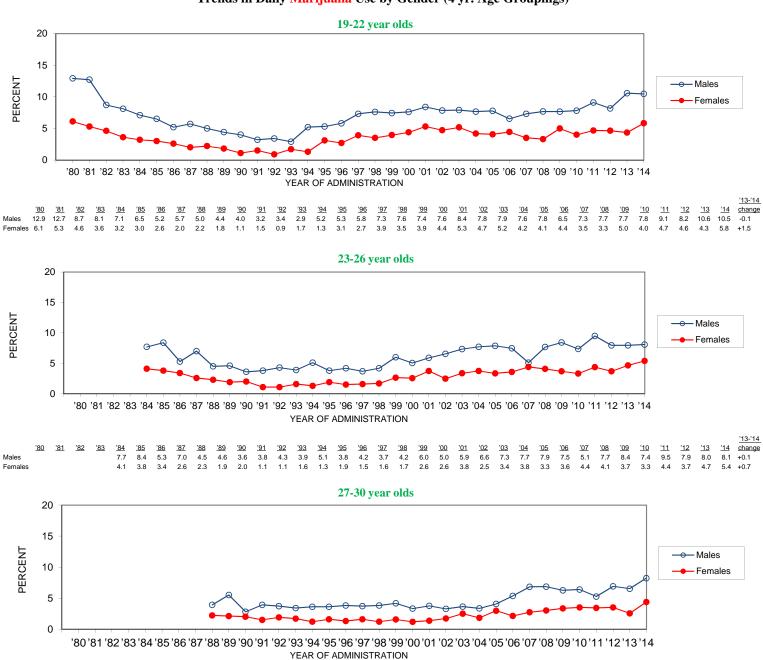
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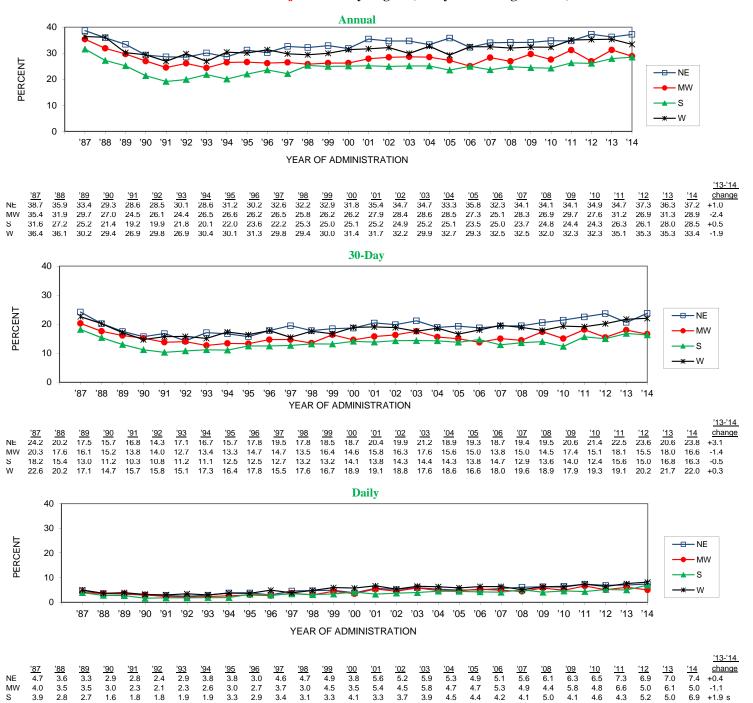
Hales

Ha

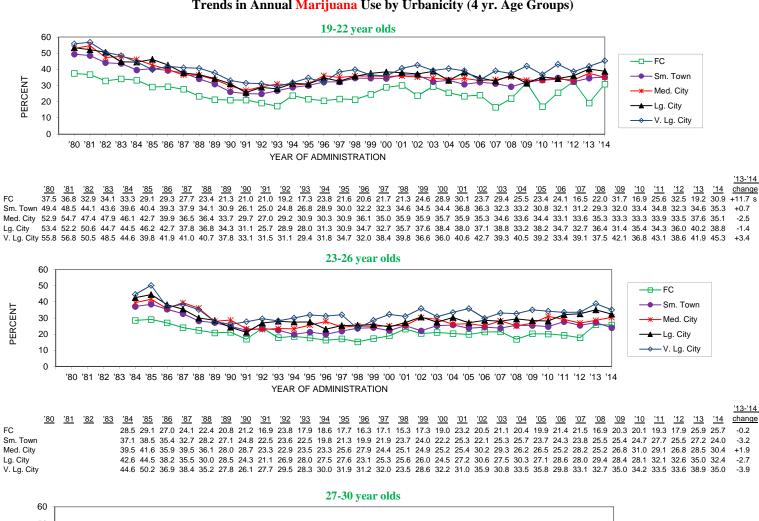
Trends in Daily Marijuana Use by Gender (4 yr. Age Groupings)

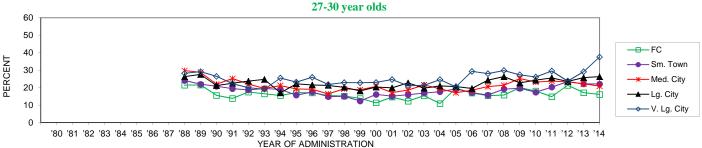


Trends in Marijuana Use by Region (1-10 yrs. Past High School)



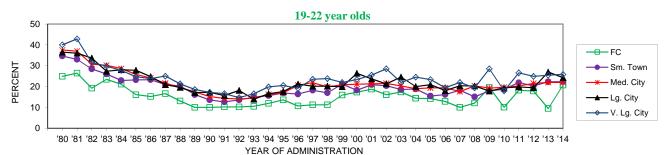
Trends in Annual Marijuana Use by Urbanicity (4 yr. Age Groups)

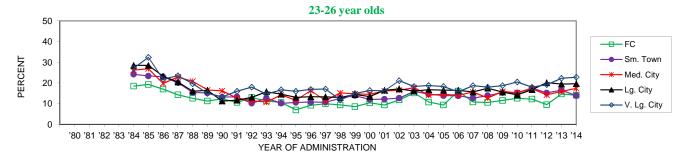


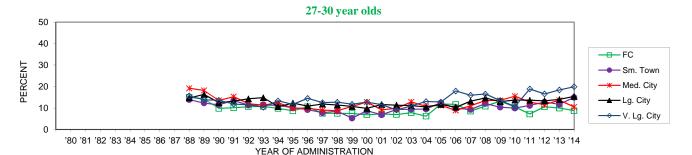


'13-'14 <u>'88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 </u> <u>'10</u> <u>'11 '12</u> '14 change 21.4 21.5 15.6 13.8 17.5 16.5 15.5 17.1 17.0 15.5 15.2 13.8 11.3 14.6 12.3 15.4 10.9 19.7 16.9 15.4 15.8 19.9 18.1 14.8 21.3 17.1 16.1 -1.0 Sm. Town 24.1 22.0 20.8 19.4 18.7 19.5 19.0 15.7 17.5 14.8 15.0 12.4 16.1 15.1 15.9 16.9 17.7 19.2 17.2 15.8 19.2 19.6 17.4 20.3 23.5 22.1 22.1 -0.1 Med. City 29.8 28.8 22.0 25.2 22.1 19.5 21.2 19.2 19.1 16.4 19.3 18.8 20.7 17.1 18.6 21.6 19.3 17.1 18.5 20.6 21.4 25.2 23.1 23.8 23.3 22.2 20.9 -1.3 Lg. City 26.3 27.6 21.2 22.5 23.7 24.7 17.0 22.2 21.5 21.3 20.2 18.1 20.3 19.8 22.7 19.7 21.0 20.7 19.5 24.3 26.3 22.7 24.3 25.6 23.5 25.7 26.3 +0.5 V. Lg. City 28.2 29.1 26.5 22.3 20.0 19.1 25.5 23.2 25.9 21.8 22.9 22.8 23.0 24.6 21.1 21.4 24.6 20.4 29.3 28.0 29.8 27.3 26.1 29.5 23.8 29.1 37.5 +8.4 s

Trends in Thirty-Day Marijuana Use by Urbanicity (4 yr. Age Groups)



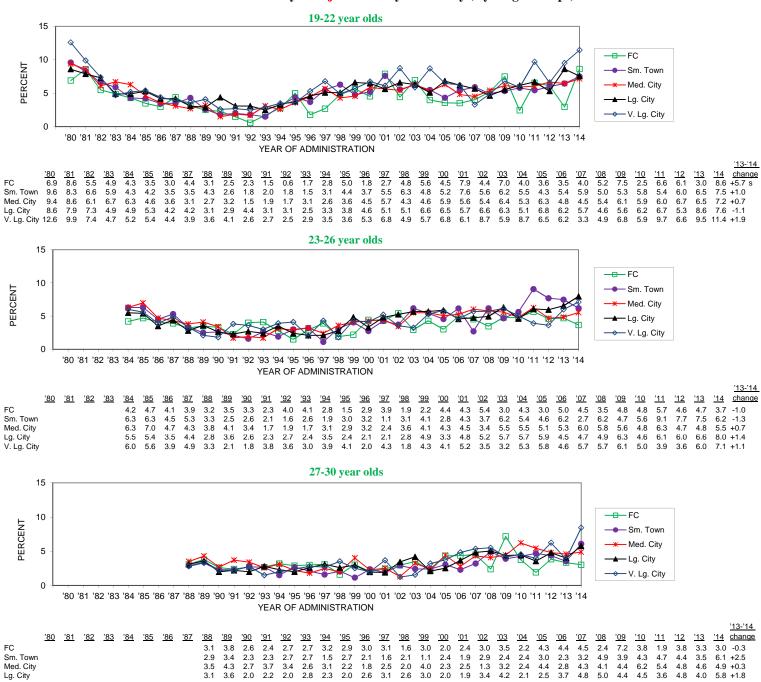




'98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14 change FC Sm. Town 7.5 7.8 7.5 7.5 6.9 8.5 5.3 8.7 6.9 7.8 9.3 9.4 6.2 11.8 11.7 8.6 10.8 13.1 10.5 7.2 10.6 10.0 8.7 -1.2 9.5 12.4 9.9 9.3 12.1 10.4 10.0 11.2 12.8 11.7 14.9 +3.3 15.0 14.2 9.8 10.1 10.6 10.7 9.8 8.7 10.6 7.2 13.9 12.3 11.5 13.5 11.3 11.5 11.2 10.1 9.2 6.8 Med. City 19.2 18.2 13.5 15.3 12.0 11.3 12.4 9.9 9.0 8.7 10.7 12.7 9.1 9.8 12.8 10.8 11.2 8.9 11.0 13.5 13.5 15.5 12.7 11.5 13.6 10.5 -3.1 Lg. City $14.7 \ 16.3 \ 12.5 \ 13.2 \ 14.3 \ 14.8 \ 10.6 \ 12.3 \ 10.9 \ 11.8 \ 11.4 \ 10.7 \ 9.8 \ 11.6 \ 11.4 \ 11.1 \ 10.5 \ 11.7 \ 10.3 \ 13.2 \ 14.7 \ 13.0 \ 13.7 \ 13.6 \ 13.3 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.7 \ 10.8 \ 13.2 \ 14.7 \ 13.0 \ 13.7 \ 13.6 \ 13.3 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.7 \ 10.8 \ 13.2 \ 14.7 \ 13.0 \ 13.7 \ 13.6 \ 13.3 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 13.2 \ 14.0 \ 15.4 \ +1.4 \ 10.5 \ 10.5 \ 1$ V. Lg. City 15.7 13.8 13.6 11.8 11.5 10.4 13.3 11.7 14.5 12.5 12.7 11.7 12.7 11.5 9.1 10.9 13.0 12.8 17.9 15.9 16.5 13.5 10.7 18.9 16.5 18.4 19.9 +1.5

'13-'14

Trends in Daily Marijuana Use by Urbanicity (4 yr. Age Groups)



3.4

2.6 2.8 3.1 2.3

3.5 3.1 4.3 3.6

Med. City Lg. City

V. Lg. City

2.2 1.8 2.5 1.3 3.2 4.2

4.4 2.5

4.0 3.0

2.0 3.7 1.2 1.6

2.0

2.6

6.2 4.5

5.4 3.6

4.6 4.0

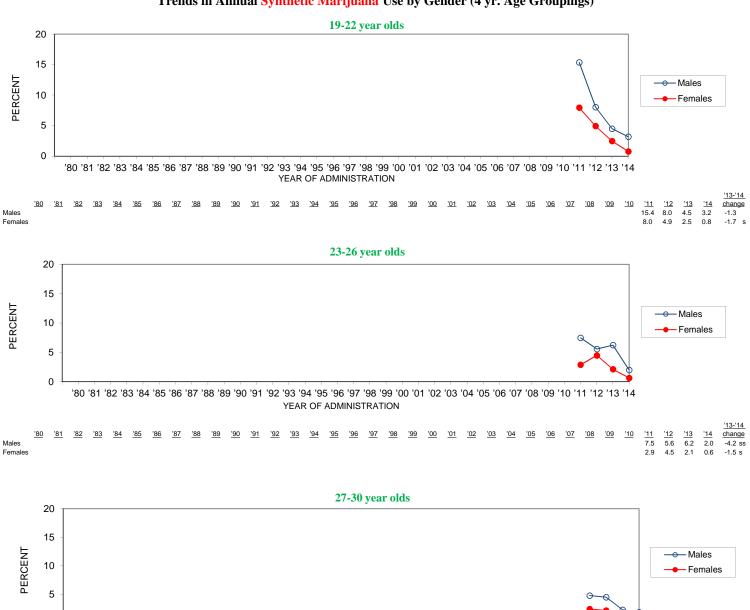
4.9 +0.3 5.8 +1.8

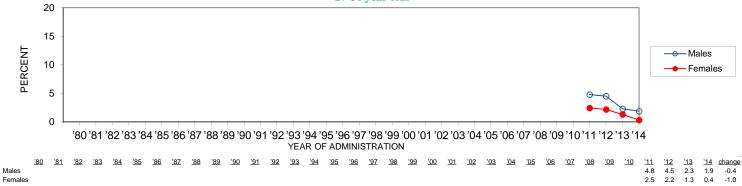
4.4 4.4

4.1

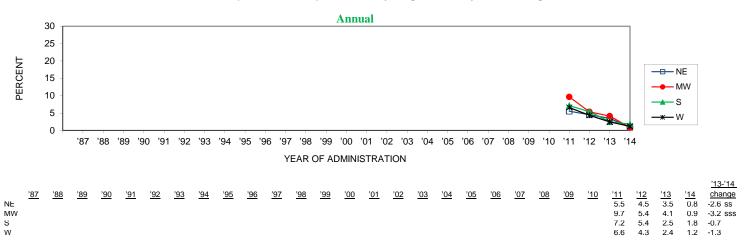
5.0

Trends in Annual Synthetic Marijuana Use by Gender (4 yr. Age Groupings)

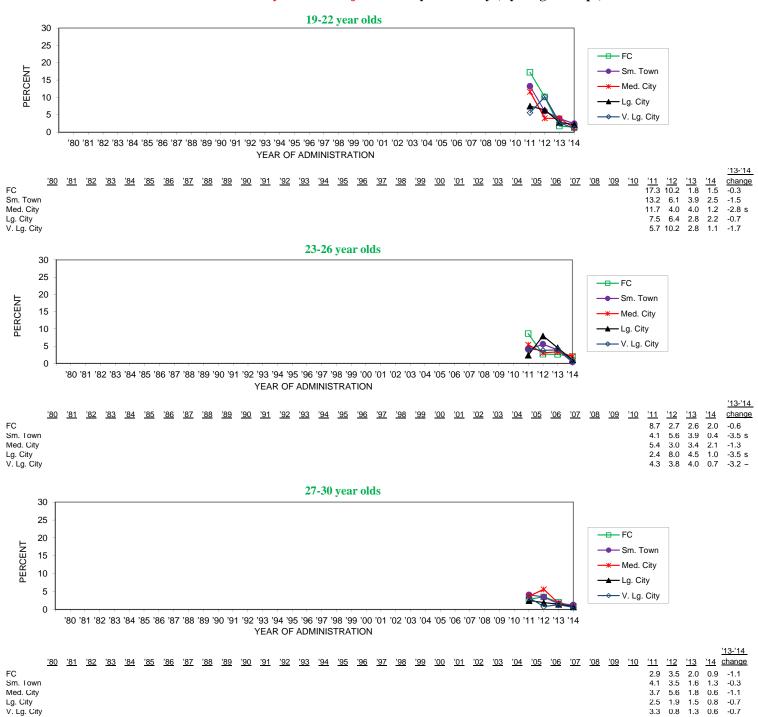




Trends in Synthetic Marijuana Use by Region (1-10 yrs. Past High School)



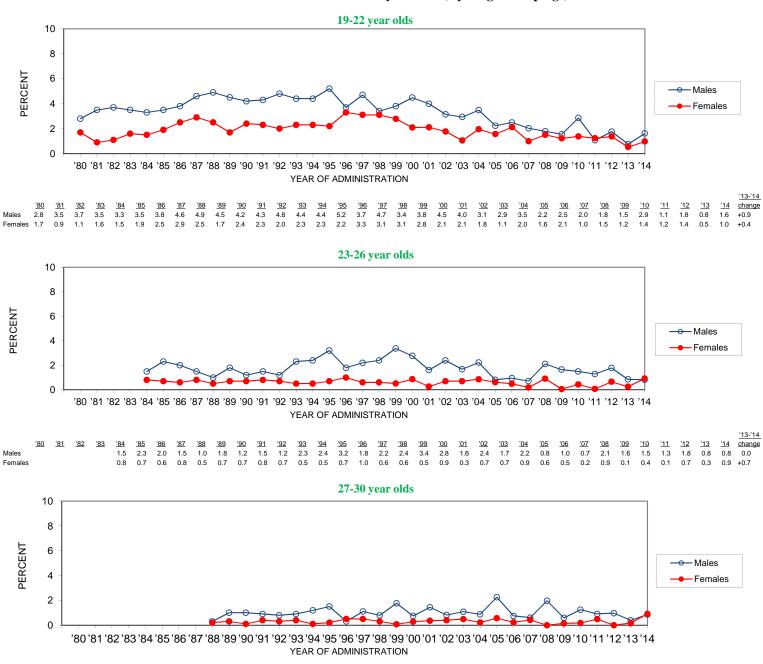
Trends in Annual Synthetic Marijuana Use by Urbanicity (4 yr. Age Groups)



3.3 0.8 -0.7

V. Lg. City

Trends in Annual Inhalant Use by Gender (4 yr. Age Groupings)



<u>'97</u> <u>'98</u> <u>'99</u>

0.3 1.1 0.8 1.8 0.7 0.5 0.5 0.3 0.1 0.3

0.9 0.4

0.3

Males

Females

'02

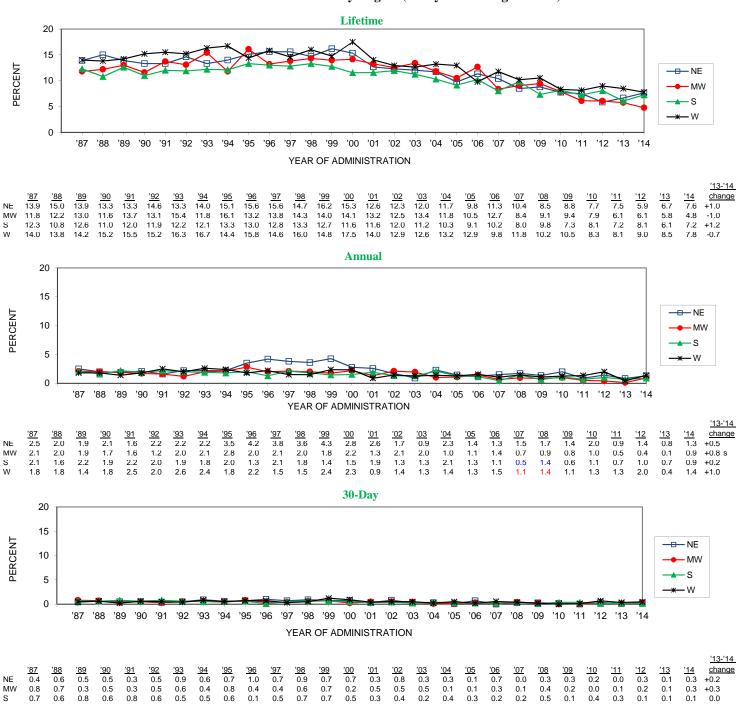
0.8 0.4 <u>'04</u>

0.9 2.3 0.2 0.6 2.0

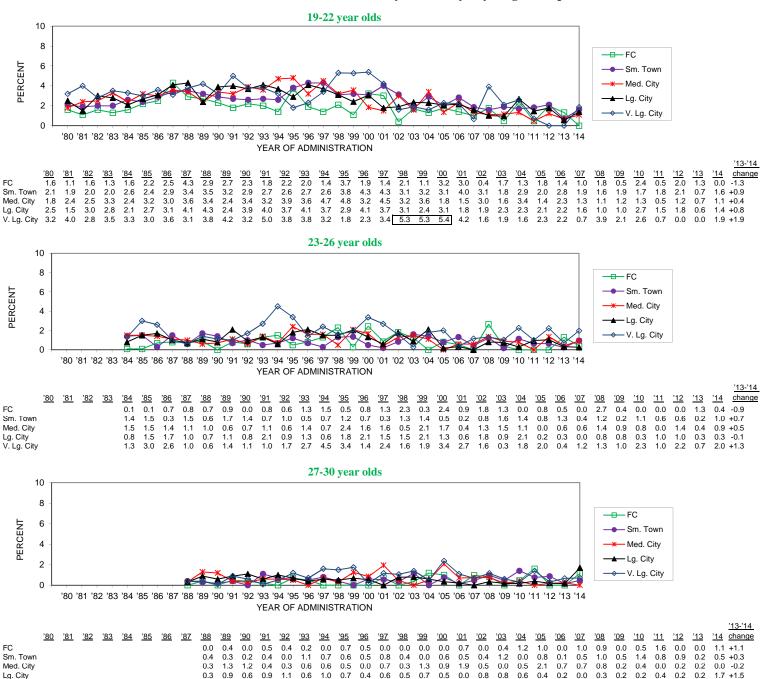
0.9 1.0

'13-'14

Trends in Inhalant Use by Region (1-10 yrs. Past High School)



Trends in Annual Inhalant Use by Urbanicity (4 yr. Age Groups)

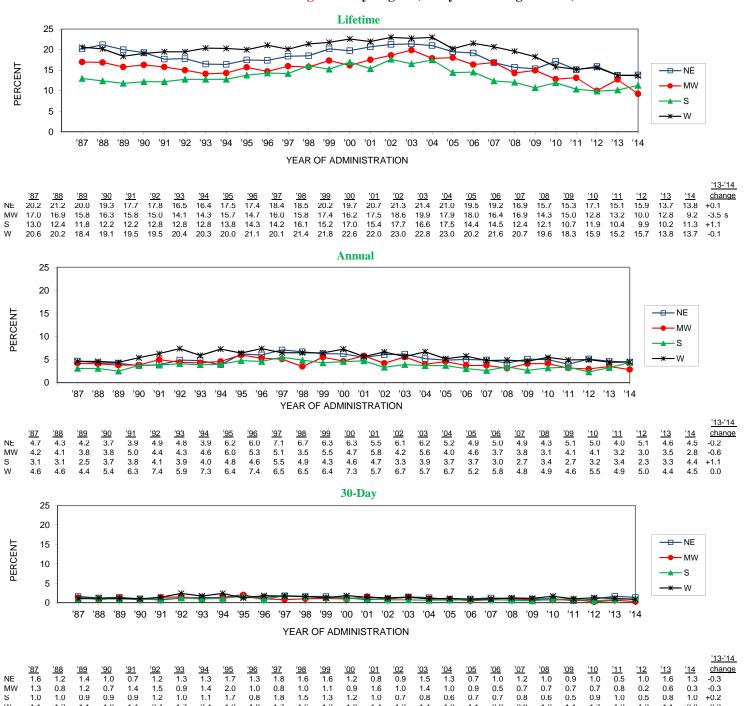


0.4 0.6 0.5 0.5 0.0 0.8 0.8 0.6 0.0 0.3 0.2 0.2 0.4

Lg. City V. Lg. City

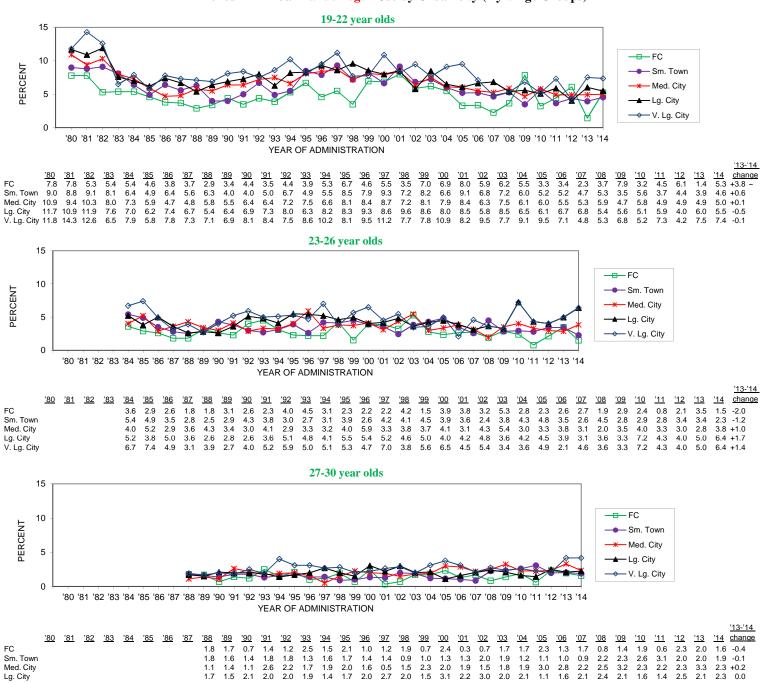
0.3 0.9 0.6 0.9 1.1 0.6 1.0

Trends in Hallucinogen Use by Region (1-10 yrs. Past High School)



0.9

Trends in Annual Hallucinogen Use by Urbanicity (4 yr. Age Groups)



2.0

2.2 2.6 2.9

1.5 3.0 1.8 1.9 2.1 3.0 1.1 2.8 1.6 2.2 2.1

1.5 2.0 2.3 1.5 2.5

2.1

3.2 2.1

3.3 2.1

2.3 +0.2 2.3 0.0

2.2

1.9 1.4 2.0 1.7

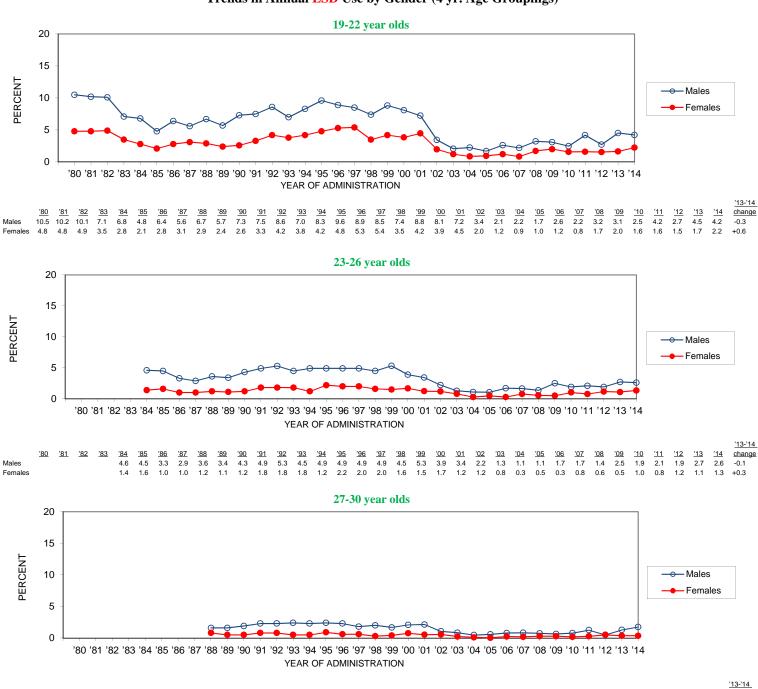
3.1 3.1 2.7

1.1 1.7 1.4 1.5 1.1 2.1 2.6 2.0

Med. City Lg. City

V. Lg. City

Trends in Annual LSD Use by Gender (4 yr. Age Groupings)



<u>'02</u> 1.1 '03 '04 '05 '06

0.8

'01

2.1 2.1

2.0

'07 '08 '09 '10 '11 '12

0.8 0.7 <u>'13</u> 1.3

0.8 1.3 0.5 '14 change

<u>'87</u> <u>'88</u> 1.6

8.0 0.5 0.5 0.8

'89 '90 '91 '92 <u>'93</u> 2.4 '94 <u>'95</u> 2.4 <u>'96</u> 2.3 '97 '98 <u>'99</u> 1.7 '00

0.5 0.5 0.9 0.6 0.6 0.3 0.4 0.8 0.5 0.6 0.2 0.1 0.0 0.2 0.2 0.3 0.3 0.2 0.3 0.5 0.4

'86

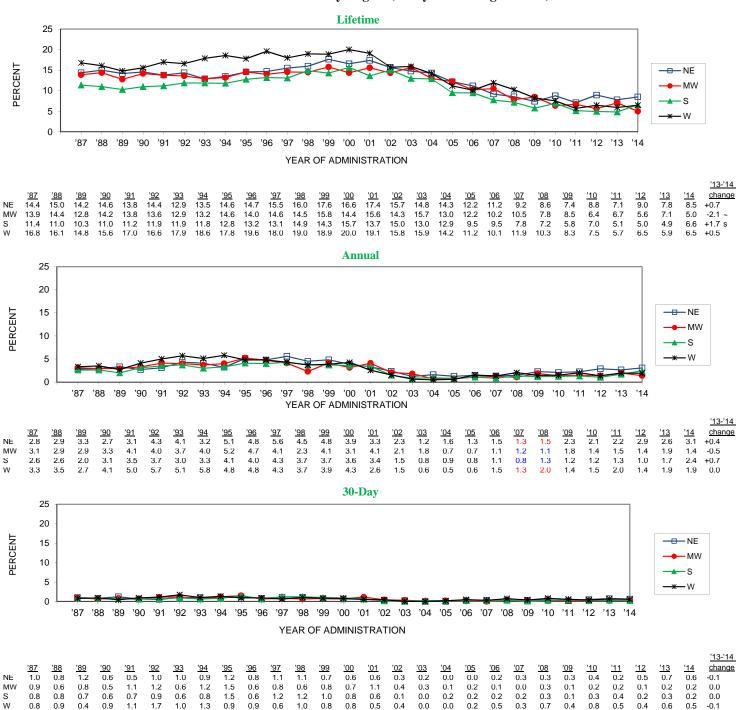
'80

Males

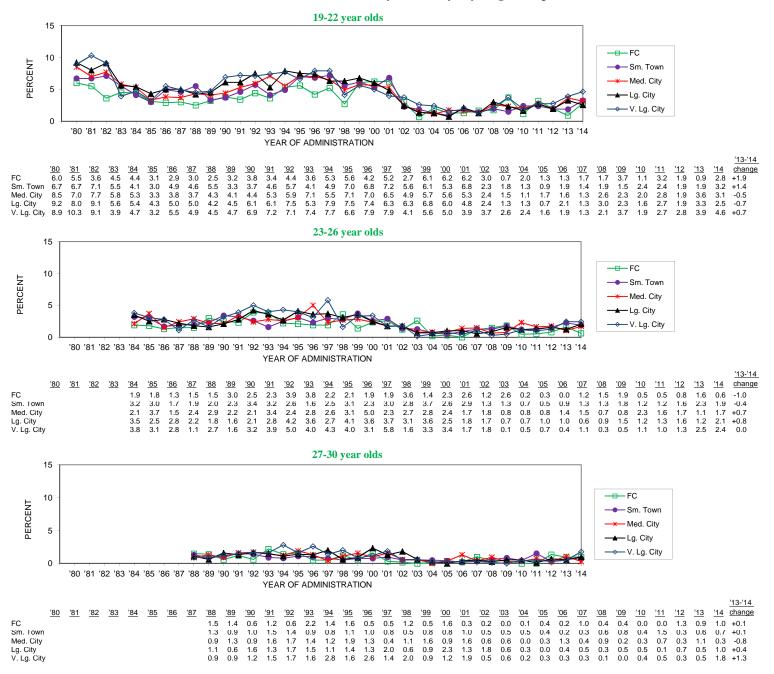
Females

'81 '82 '83 '84 '85

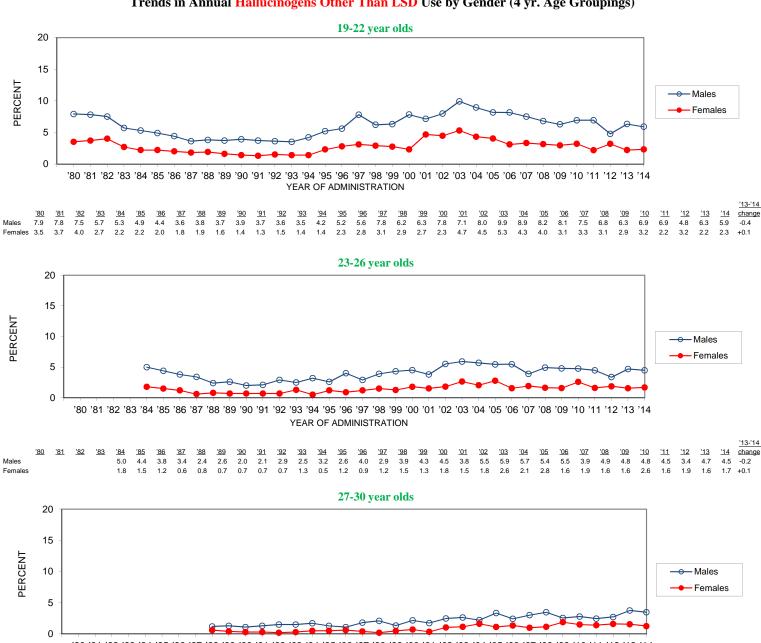
Trends in LSD Use by Region (1-10 yrs. Past High School)

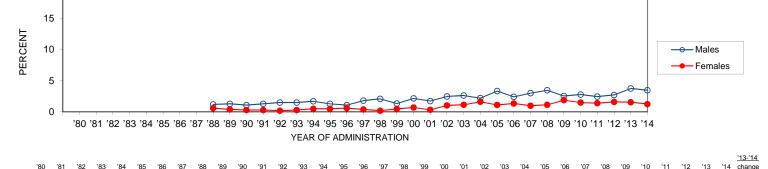


Trends in Annual LSD Use by Urbanicity (4 yr. Age Groups)



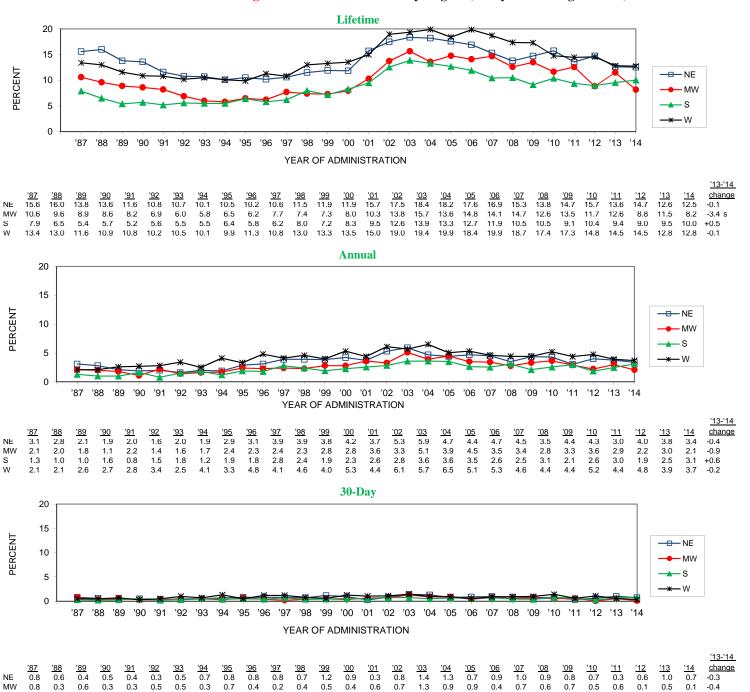
Trends in Annual Hallucinogens Other Than LSD Use by Gender (4 yr. Age Groupings)





'88 1.4 0.5 Males Females

Trends in Hallucinogens Other Than LSD Use by Region (1-10 yrs. Past High School)



0.5

1.0 0.7 1.3 0.5

W

0.5 0.5 0.7

0.7 0.4

1.2 0.8 0.6

0.6 0.5

1.0 1.1

0.8 0.5

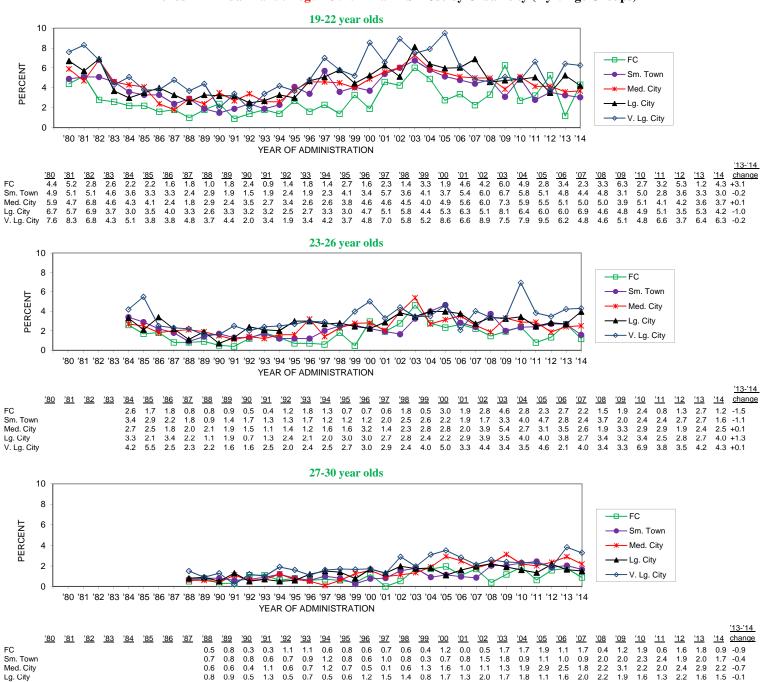
1.0 0.9 0.5 0.9

0.7

1.0

-0.2

Trends in Annual Hallucinogen Other Than LSD Use by Urbanicity (4 yr. Age Groups)



0.6 1.4 1.7

1.3

0.8

2.9 2.5 1.8 2.2 3.1

1.9

1.8

2.9

2.2 -0.7 1.5 -0.1

0.5

0.7

0.6

0.4 1.1 0.6 0.7

0.6 0.6

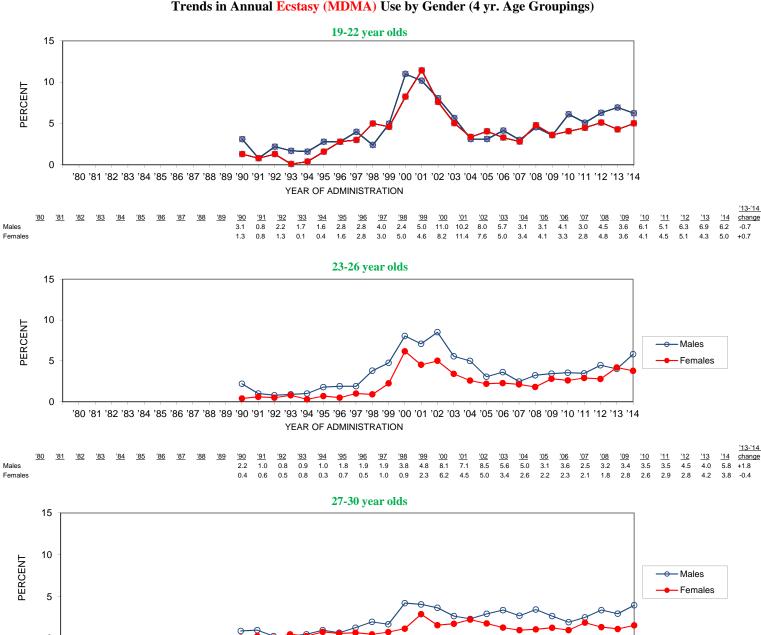
0.8 0.9

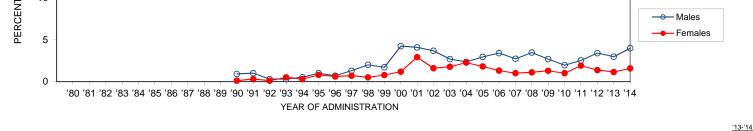
Med. City

V. Lg. City

Lq. City

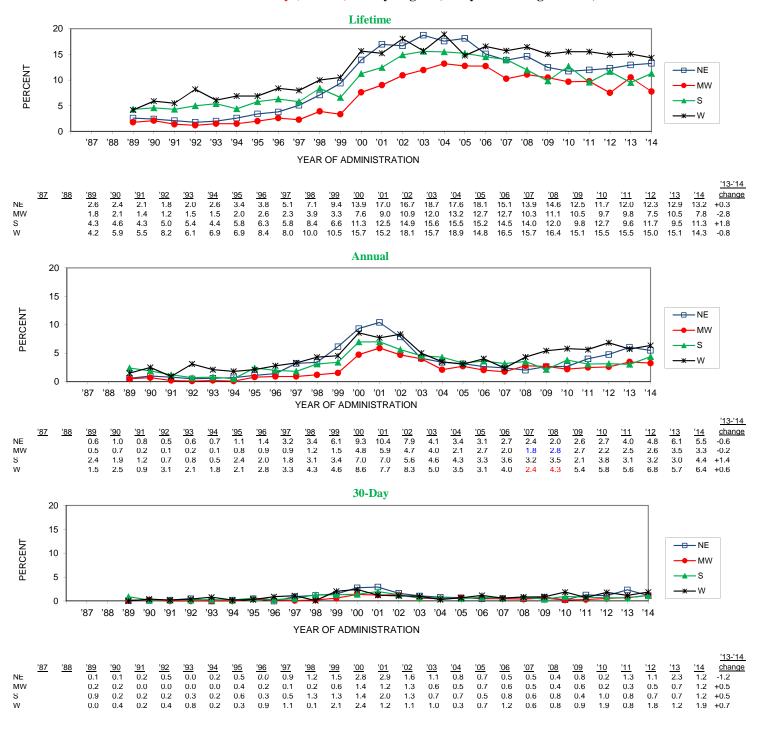
Trends in Annual Ecstasy (MDMA) Use by Gender (4 yr. Age Groupings)



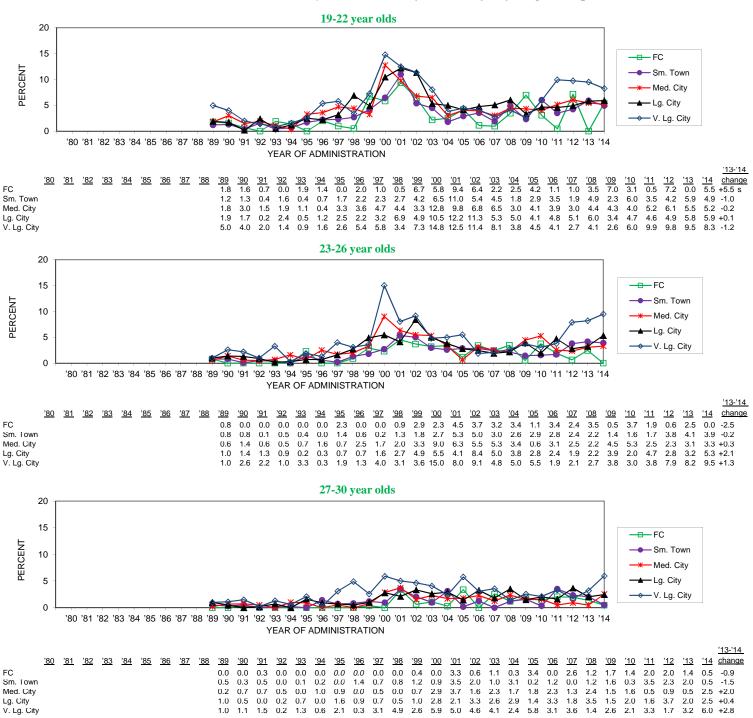


'87 '88 '90 <u>'91</u> '92 '93 '97 '98 <u>'99</u> 1.7 '00 '01 '02 '04 '05 '06 '07 '08 '14 change '80 '94 4.2 2.4 3.4 Males 0.9 1.0 1.3 2.0 4.1 3.7 2.7 2.9 2.7 3.5 2.0 2.5 3.4 3.0 4.0 +1.0 Females 0.3 0.5 0.6 0.7 0.5 0.8 2.9 1.6 1.8 1.8 1.0 1.4 1.1 1.6 +0.4

Trends in Ecstasy (MDMA) Use by Region (1-10 yrs. Past High School)

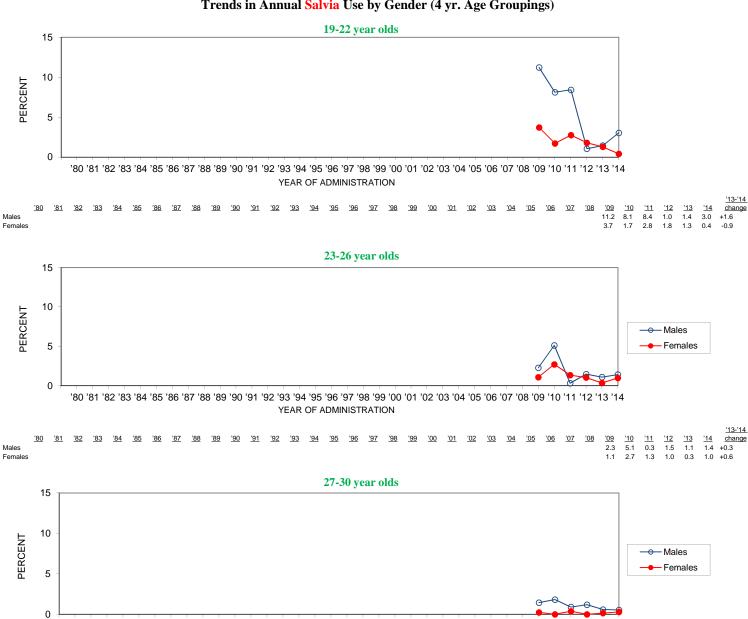


Trends in Annual Ecstasy (MDMA) Use by Urbanicity (4 yr. Age Groups)



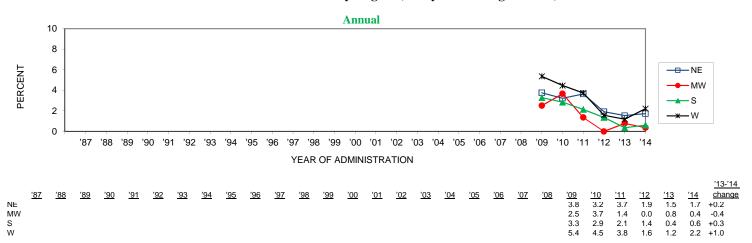
Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

Trends in Annual Salvia Use by Gender (4 yr. Age Groupings)

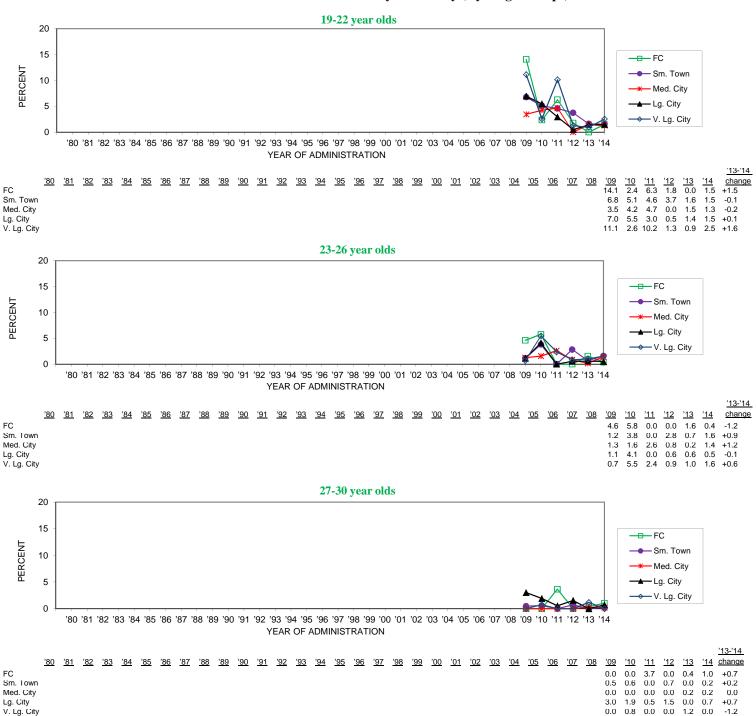


	(ე —																																		
	'80 '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14																																			
YEAR OF ADMINISTRATION																																				
																																			,	13-'14
	'80	'81	'82	'83	'84	<u>'85</u>	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	<u>'09</u>	10	111	'12	'13	'14 c	change
Males																														1.5	1.8	0.9	1.2	0.6	0.5	-0.1
Females																														0.2	0.0	0.4	0.0	0.1	0.3	+0.1

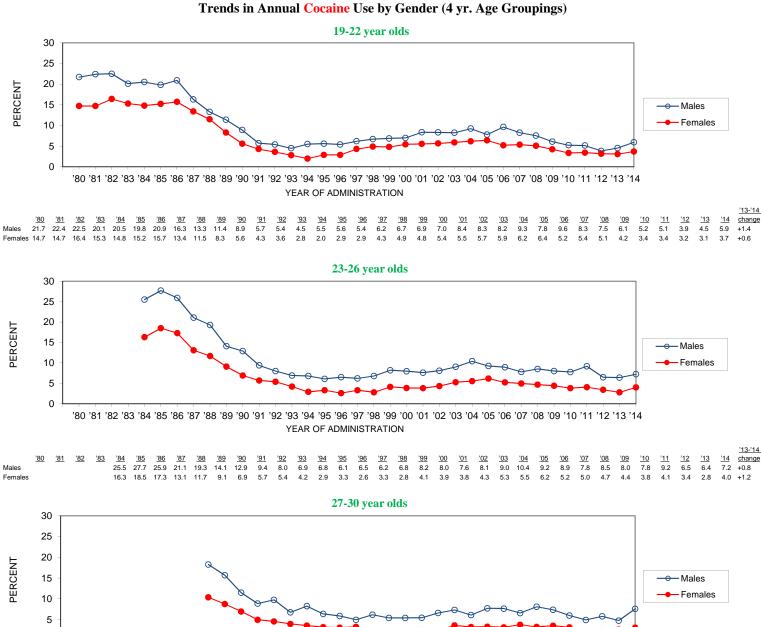
Trends in Salvia Use by Region (1-10 yrs. Past High School)

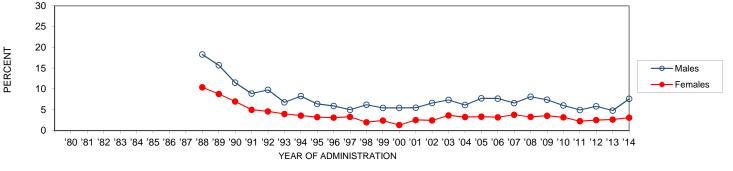


Trends in Annual Salvia Use by Urbanicity (4 yr. Age Groups)



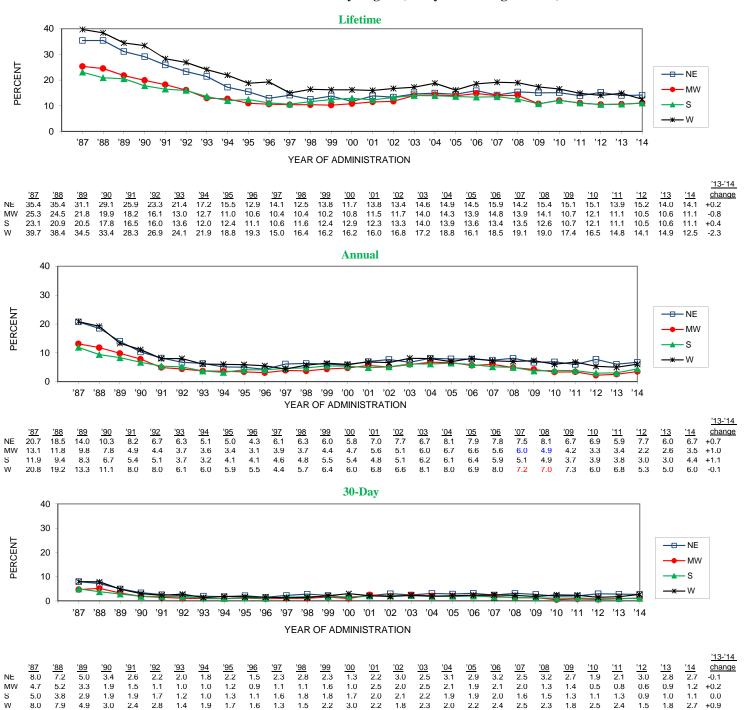
Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.



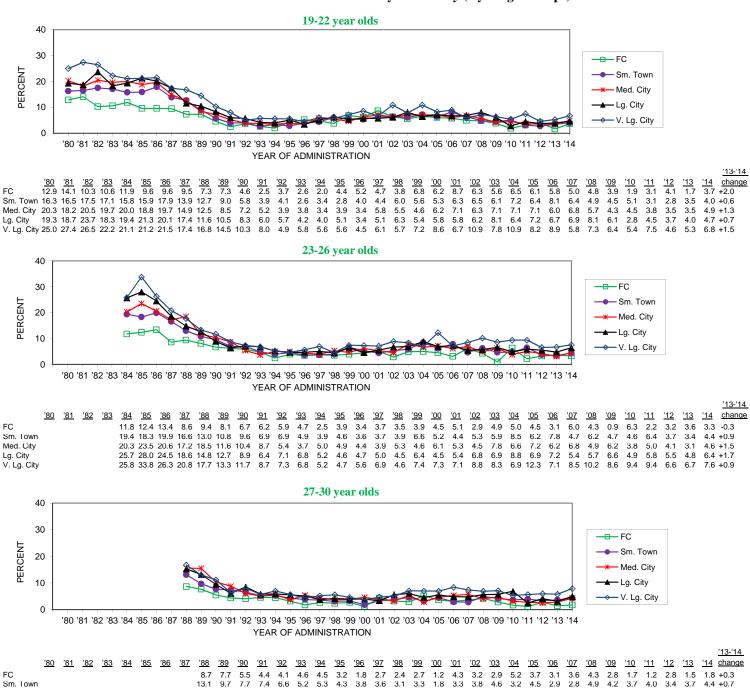


'13-'14 '88 '93 '97 '98 '99 <u>'00 '01</u> '02 '14 change Males 18.3 15.7 11.5 8.9 6.8 5.9 5.0 6.2 5.4 5.5 5.5 6.6 6.1 7.7 6.6 6.0 5.8 Females 5.0 4.6 4.0 3.6 3.2 3.1 3.3 2.0 2.4 1.3 2.5 2.5 3.6 3.2 3.3 3.2 3.8 3.3 3.6 3.2 2.2 2.5 2.6 3.1 +0.5

Trends in Cocaine Use by Region (1-10 yrs. Past High School)



Trends in Annual Cocaine Use by Urbanicity (4 yr. Age Groups)



4.7

5.8 6.9 2.5

7.0 6.9

2.8

4.3 +1.5

5.0 +1.8

8.8 6.1 5.1 5.7 3.7 5.4 4.4 3.7 3.9 4.6 3.8 3.3 5.3 2.9 4.7 5.3

6.1 8.5 5.8 5.9 5.6 5.1 3.8 4.2 4.0 3.9 3.4 5.7 6.1 4.6 5.5 4.9 4.8

6.3 8.1 5.7 7.0 5.7 4.4 5.2 5.6 4.6 3.6 4.7 5.1

15.3 13.2 9.5

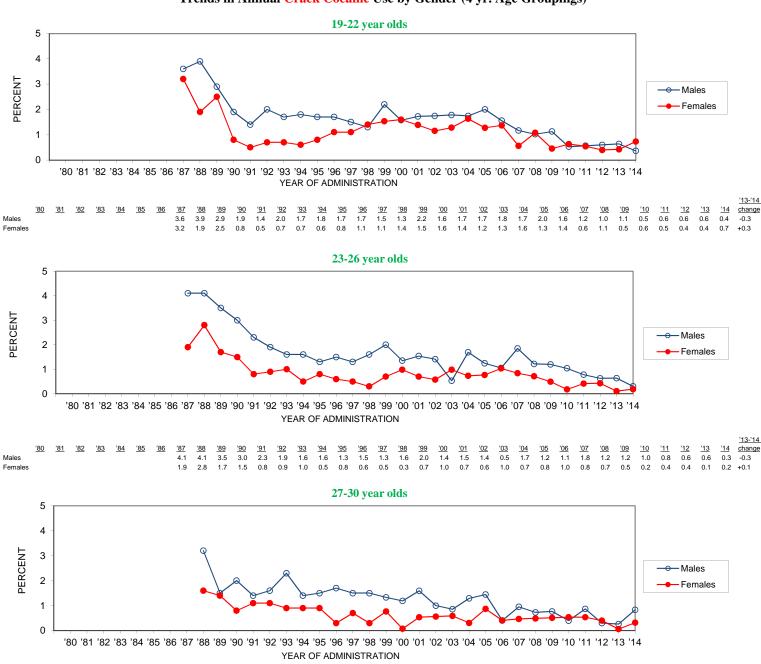
16.8 13.0 11.2

Med. City

V. Lg. City

Lg. City

Trends in Annual Crack Cocaine Use by Gender (4 yr. Age Groupings)



<u>'99</u> 1.3

1.5

'00 '01

1.2 1.6 1.0 0.9 1.3

'02 '03 '05 '06 '07 '09

1.0 0.7 0.8 0.4 0.9 0.3 0.3

<u>'97</u> 1.5 '98

0.9

0.9 0.3 0.7 0.3 0.8 0.1 0.5 0.6 0.6 0.3 0.9 0.4 0.5 0.5 0.5 0.5

<u>'88'</u>

'80

Males

Females

'13-'14

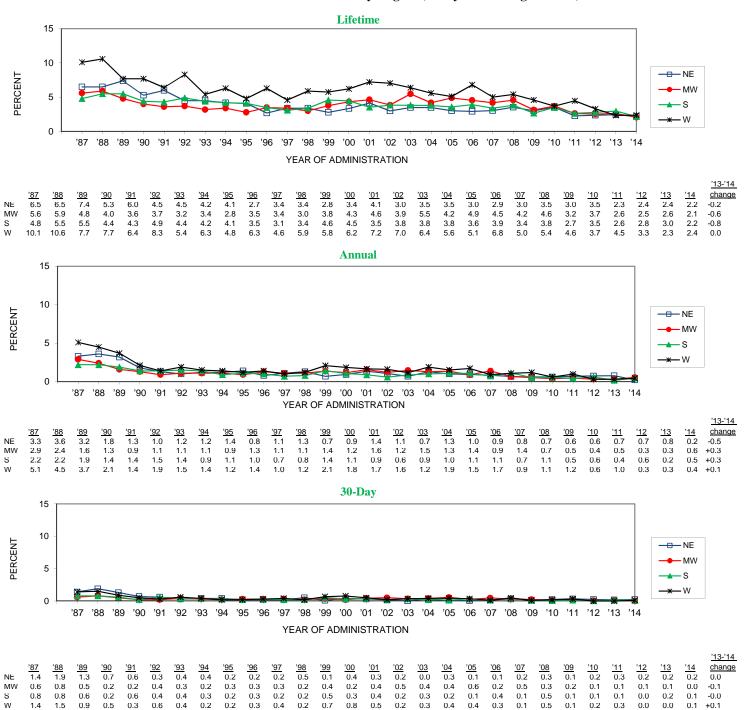
'14 change

0.8 +0.6

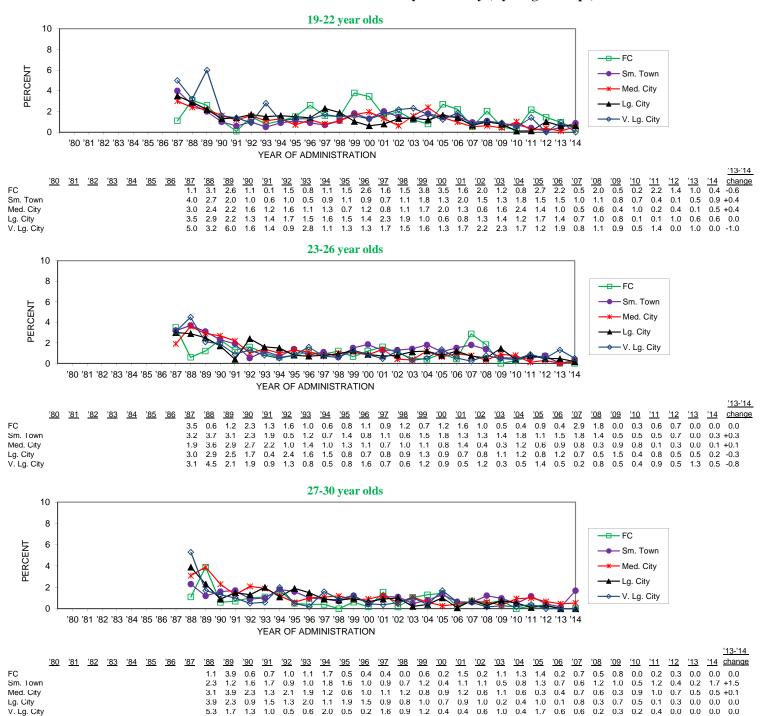
0.3 +0.3

0.4 0.1

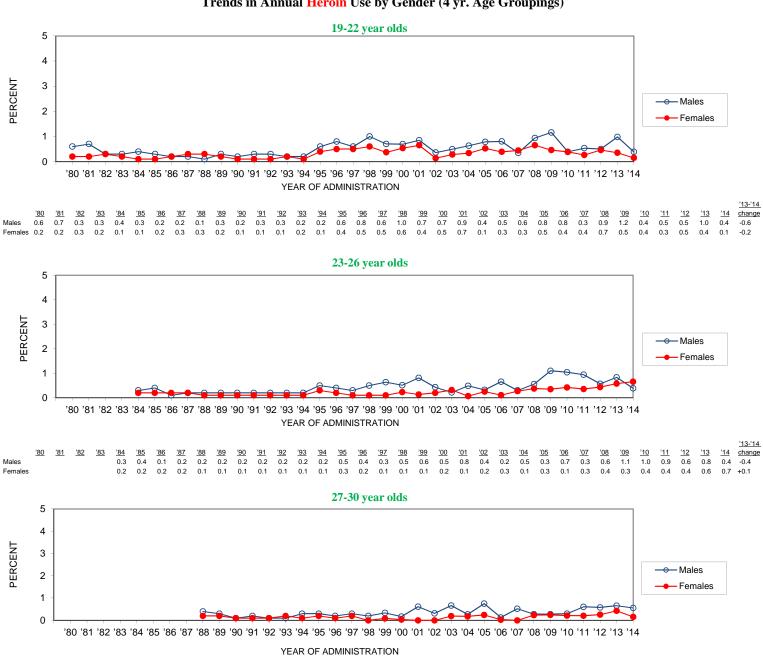
Trends in Crack Cocaine Use by Region (1-10 yrs. Past High School)

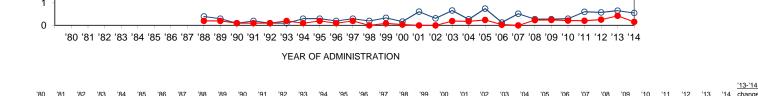


Trends in Annual Crack Cocaine Use by Urbanicity (4 yr. Age Groups)

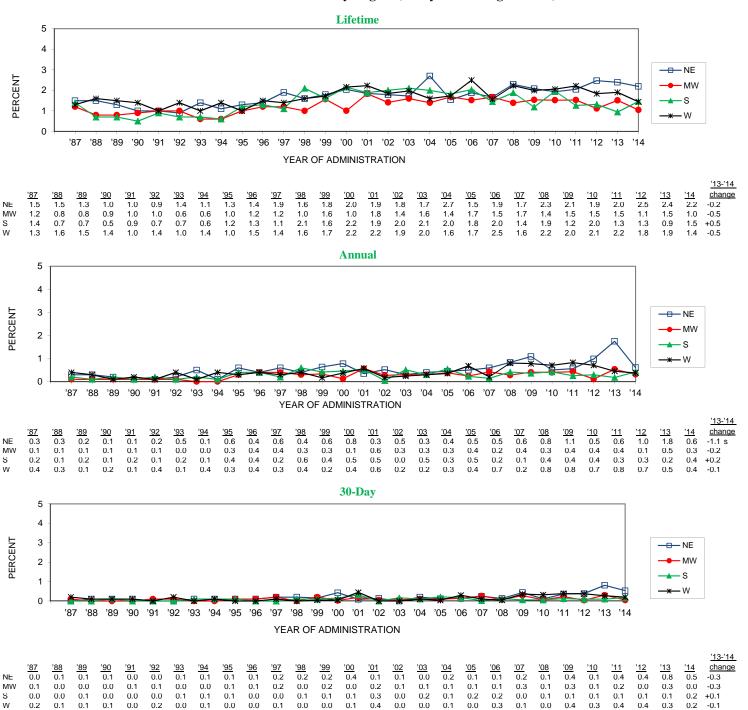


Trends in Annual Heroin Use by Gender (4 yr. Age Groupings)

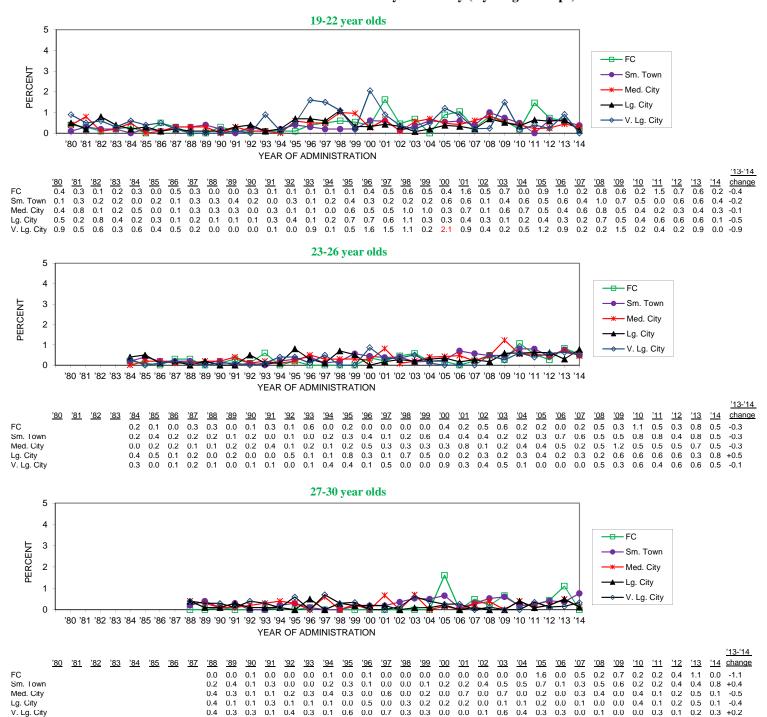




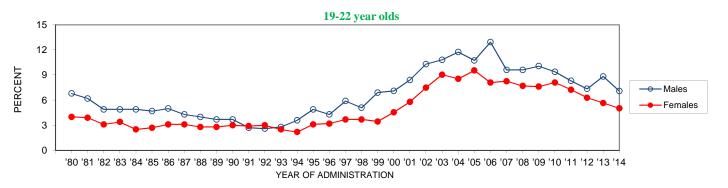
Trends in Heroin Use by Region (1-10 yrs. Past High School)



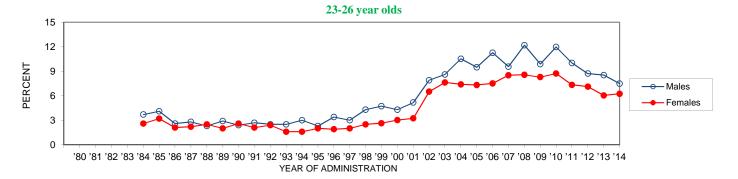
Trends in Annual Heroin Use by Urbanicity (4 yr. Age Groups)



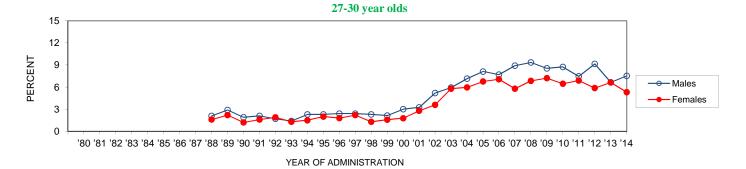
Trends in Annual Narcotics Other Than Heroin Use by Gender (4 yr. Age Groupings)



'13-'14 <u>'98</u> 5.1 3.7 <u>'97</u> 5.9 3.7 <u>'85</u> 4.7 <u>'95</u> 4.9 <u>'96</u> 4.3 <u>'05</u> 10.7 change Males 4.9 3.7 3.7 2.7 2.6 2.8 3.6 6.9 7.1 10.3 10.8 11.7 12.9 10.1 9.4 6.8 4.9 5.0 4.3 4.0 8.4 9.6 9.6 8.3 -1.7 3.0 3.0 2.5 2.2 3.2 8.5 9.5 4.0 9.0 -0.6



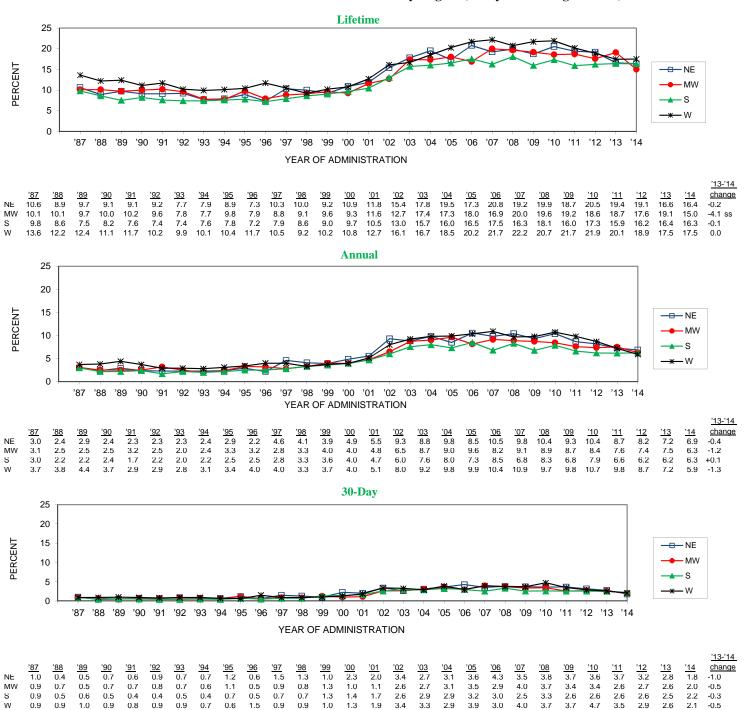
'13-'14 <u>'85</u> 4.1 <u>'86</u> 2.6 <u>'87</u> 2.8 <u>'88</u> 2.3 <u>'89</u> 2.9 <u>'90</u> 2.4 <u>'91</u> 2.7 <u>'92</u> 2.5 <u>'93</u> 2.5 <u>'94</u> 3.0 <u>'95</u> 2.3 <u>'96</u> 3.4 <u>'97</u> 3.0 <u>'98</u> 4.3 <u>'99</u> 4.7 <u>'05</u> <u>'06</u> 9.5 11.3 <u>'08</u> 12.2 <u>'09</u> <u>'10</u> <u>'11</u> 9.9 12.0 10.0 <u>'12</u> 8.7 <u>'13</u> 8.5 <u>'14</u> 7.5 4.3 5.2 7.9 8.6 10.5 9.6 Males -1.0 Females



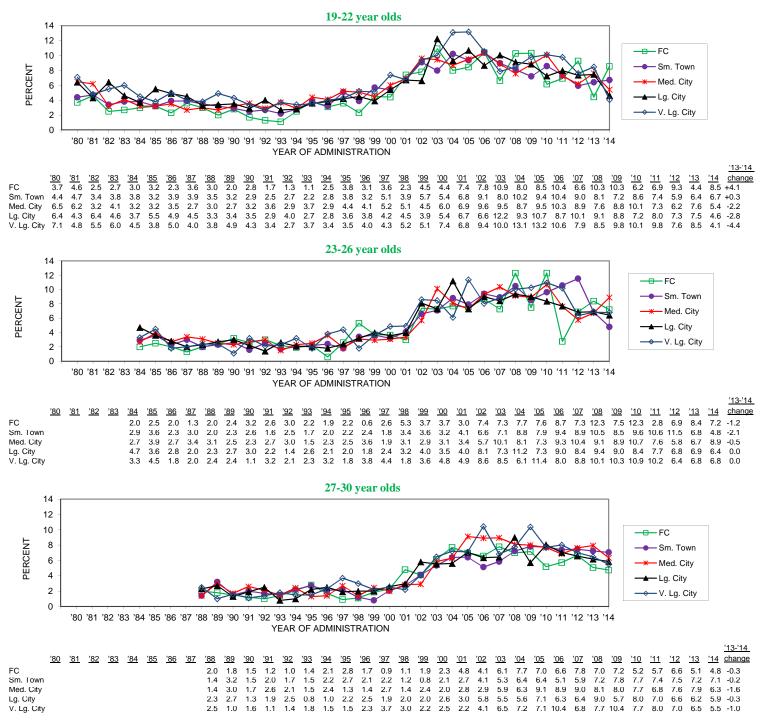
'13-'14 '88 '98 '99 '14 change 1.4 2.3 2.4 2.3 2.1 7.7 7.1 Males 2.3 3.0 3.2 5.2 5.9 7.2 8.9 9.3 8.5 8.7 7.5 9.1 6.7 Females 1.6 2.2 1.2 2.0 1.8 2.8 3.6 5.8 6.0 6.8 5.8 6.8 6.5 6.9 5.9 6.6 5.3

^{*} adjusted

Trends in Narcotics Other Than Heroin Use by Region (1-10 yrs. Past High School)

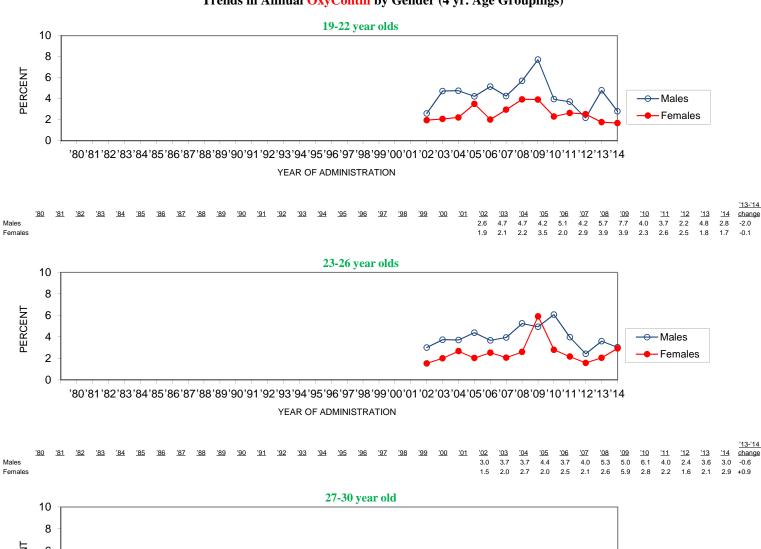


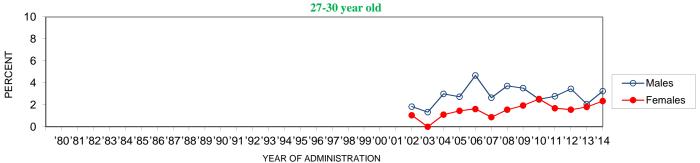
Trends in Annual Narcotics Other Than Heroin Use by Urbanicity (4 yr. Age Groups)



^{*} adjusted

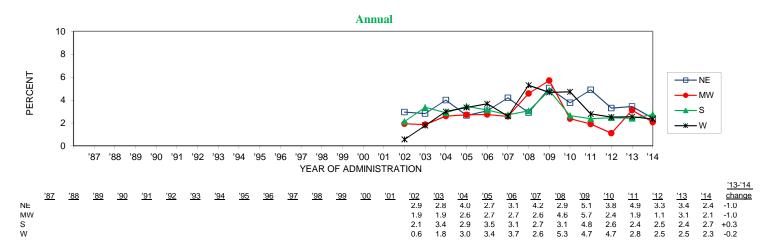
Trends in Annual OxyContin by Gender (4 yr. Age Groupings)



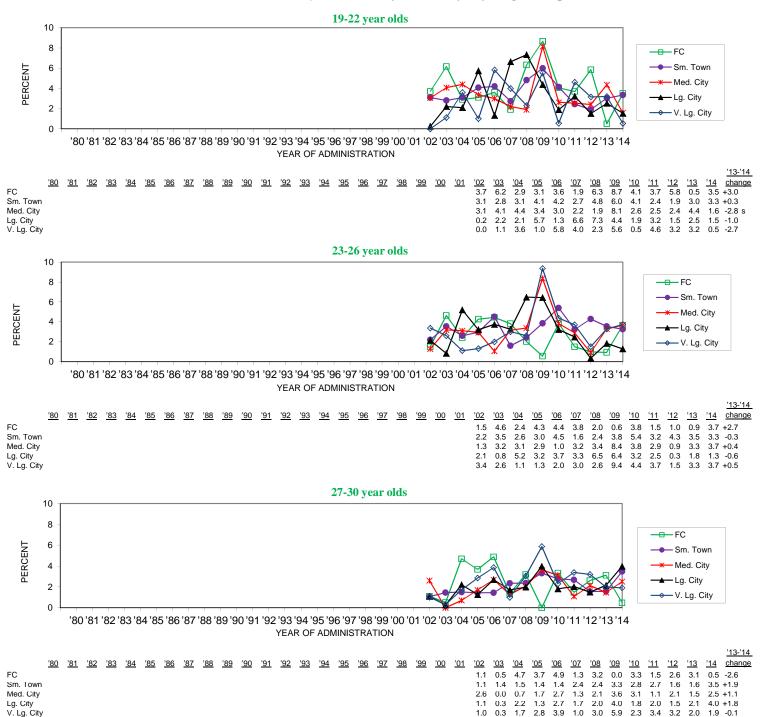


<u>'13-'14</u> <u>'05</u> 2.7 1.5 <u>'07</u> 2.6 0.9 3.7 1.6 <u>'10</u> 2.5 2.5 <u>'11</u> 2.8 1.7 <u>'12</u> 3.5 1.6 <u>'13</u> 2.1 1.8 <u>'14</u> 3.2 2.3 <u>'02</u> change 3.0 1.1 4.7 1.6 3.5 1.9 Males 1.8 1.3 +1.2 Females

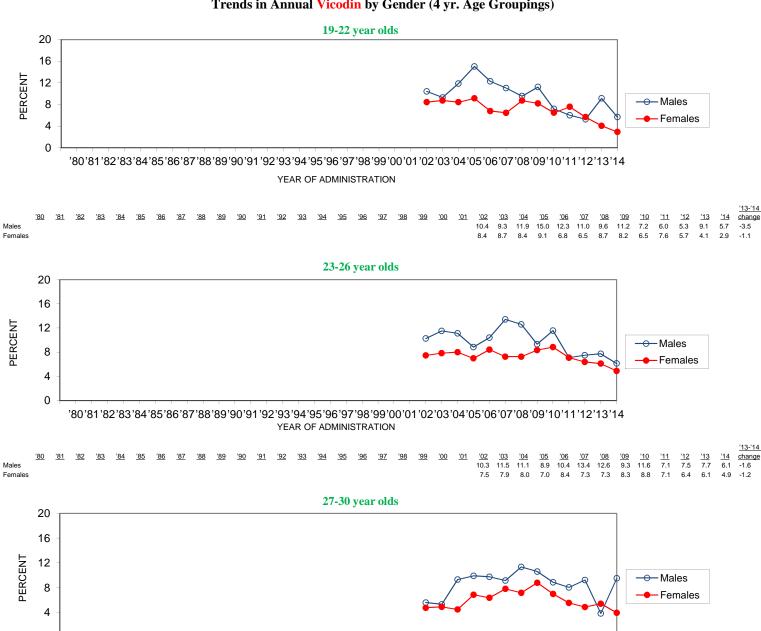
Trends in OxyContin Use by Region (1-10 yrs. Past High School)

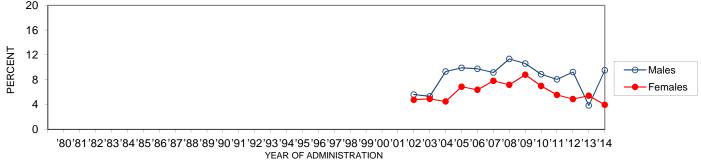


Trends in Annual OxyContin Use by Urbanicity (4 yr. Age Groups)



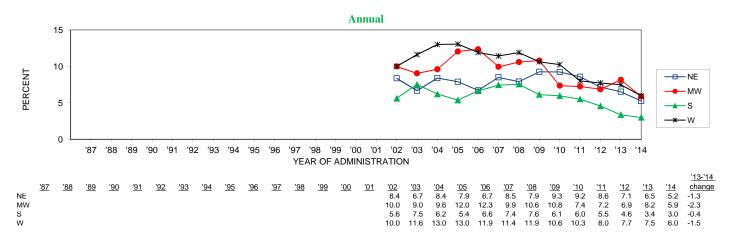
Trends in Annual Vicodin by Gender (4 yr. Age Groupings)



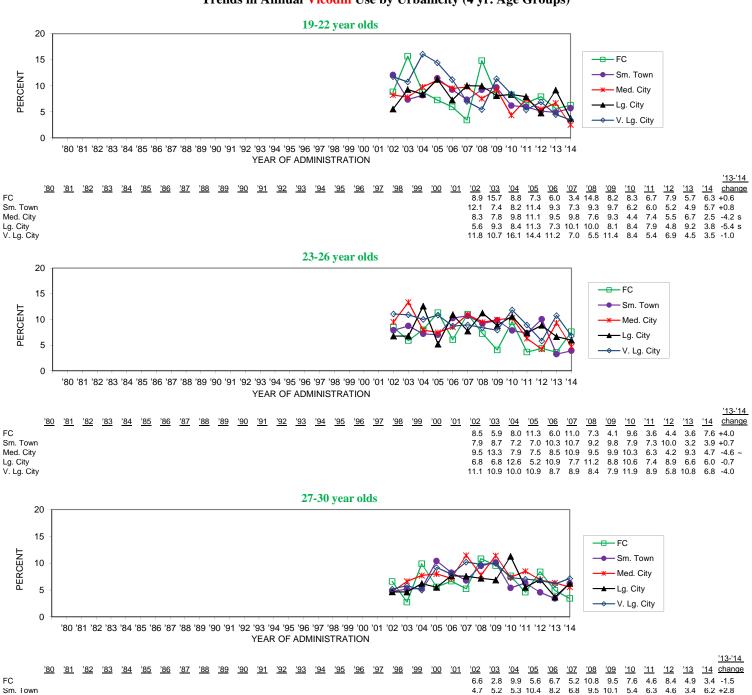


<u>'13-'14</u> <u>'14 change</u> 9.5 +5.7 ss '91 '92 '93 '95 '96 '97 '01 '06 '08 '13 '87 '90 '94 '98 '99 '00 '02 '03 '04 '05 '07 '09 '10 '11 '12 5.6 5.3 9.3 9.9 9.8 9.2 11.4 10.6 8.9 8.1 9.3 3.9 Males Females 4.9 4.5 6.9 6.4 7.8 7.2 8.8 7.0 5.6 4.9 5.4 4.0

Trends in Vicodin Use by Region (1-10 yrs. Past High School)



Trends in Annual Vicodin Use by Urbanicity (4 yr. Age Groups)



Med. City

Lg. City V. Lg. City 7.2 11.5 7.7 7.6

8.0 10.2

7.8 11.4

9.8 10.0

7.2 6.9 11.3

7.4 8.5 6.9 6.4

7.3

5.5 7.0 3.7

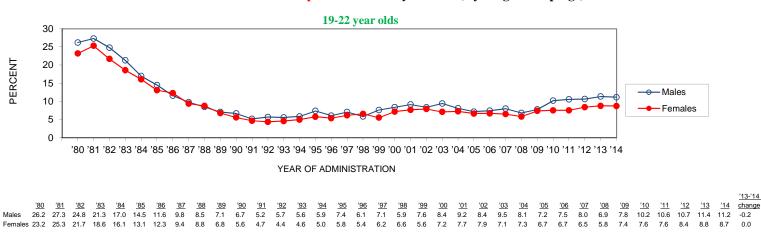
5.6 -0.8

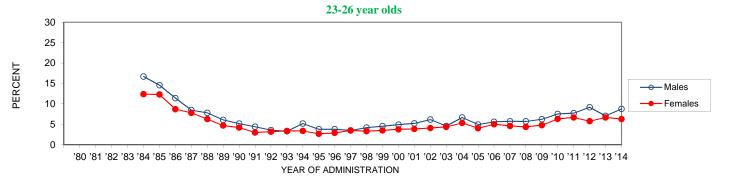
6.3 +2.6

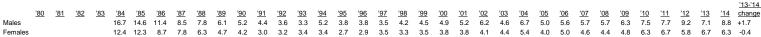
6.6 7.7 8.0

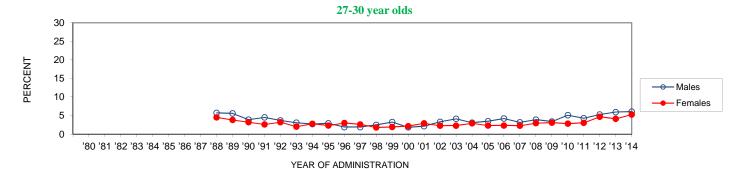
4.6 6.2 5.5

Trends in Annual Amphetamine Use by Gender (4 yr. Age Groupings)





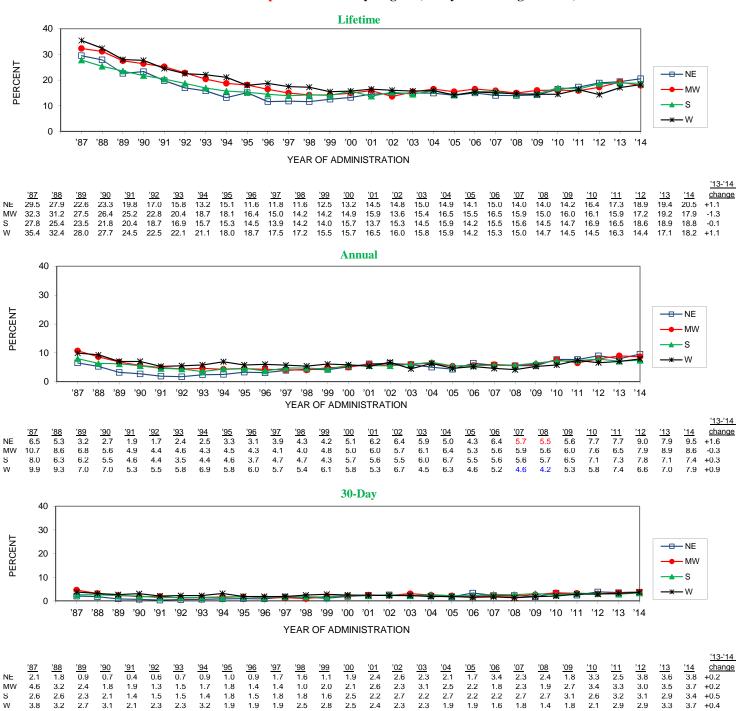




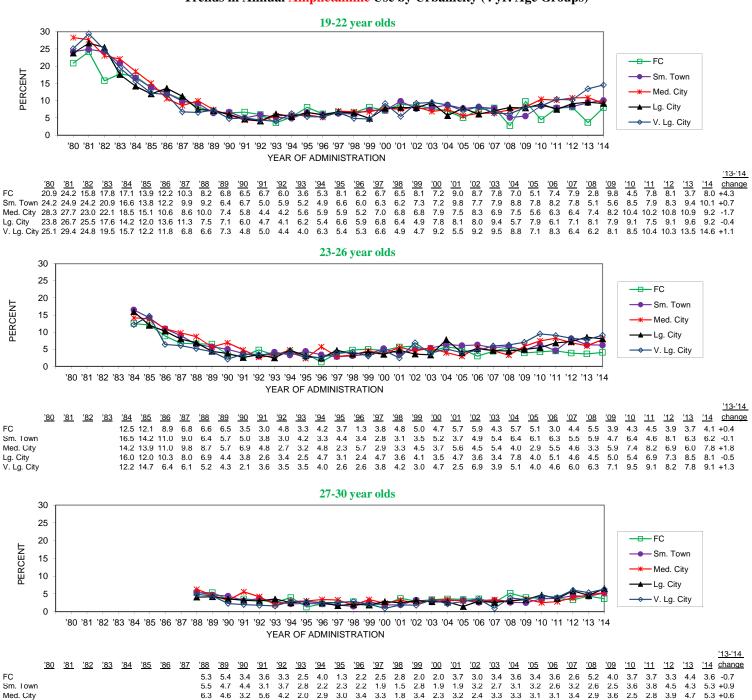
'88 '89 '93 '95 '97 '98 '99 '00 '01 '05 '06 '08 change '80 Males 5.7 3.9 4.5 3.7 2.7 2.9 1.9 2.5 3.2 1.8 2.2 3.3 4.1 3.1 3.5 4.2 3.2 3.9 5.1 4.3 5.3 5.9 6.1 Females 4.5 3.8 3.2 2.6 3.2 2.0 2.8 2.3 3.0 2.6 1.8 1.9 2.2 2.9 2.3 2.3 2.9 2.3 2.3 2.3 2.9 2.8 3.0 4.7 4.1 5.3

'13-'14

Trends in Amphetamine Use by Region (1-10 yrs. Past High School)



Trends in Annual Amphetamine Use by Urbanicity (4 yr. Age Groups)



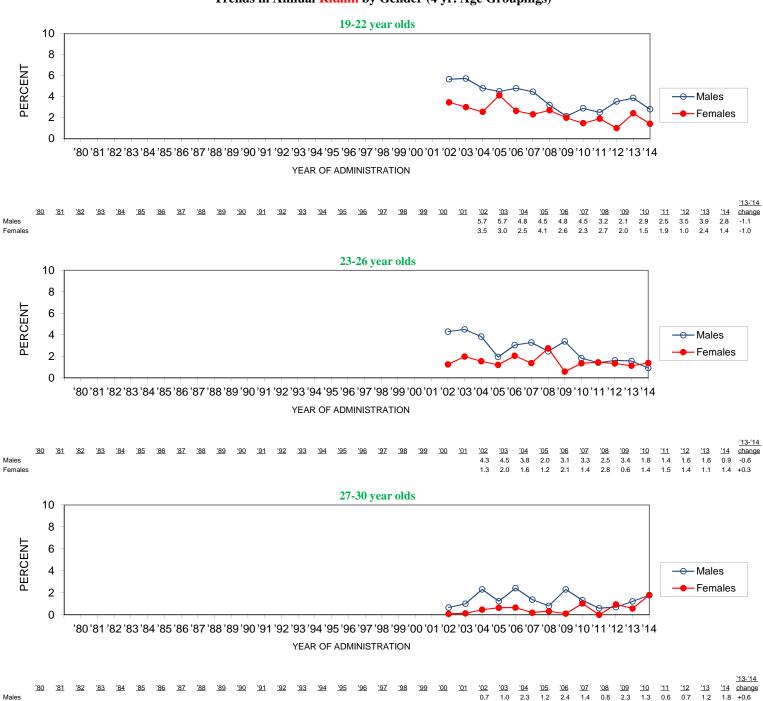
4.2 3.6 3.2 3.0 3.6 2.5 2.9 2.5 1.7 2.1 1.9 2.9 2.5 3.1 2.8 2.7 1.5 3.0 2.5 3.1 3.4 4.7 3.7

2.0 1.8 1.6 2.9 2.8 2.5 2.6 2.9 2.1 1.0 1.9 1.8 3.3 2.2 2.9 3.5 1.0

Lg. City

V. Lg. City

Trends in Annual Ritalin by Gender (4 yr. Age Groupings)



0.7 1.0 2.4 1.4 0.8 2.3

Males

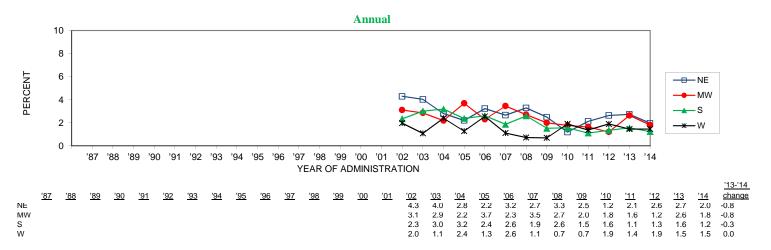
Females

1.3 1.0

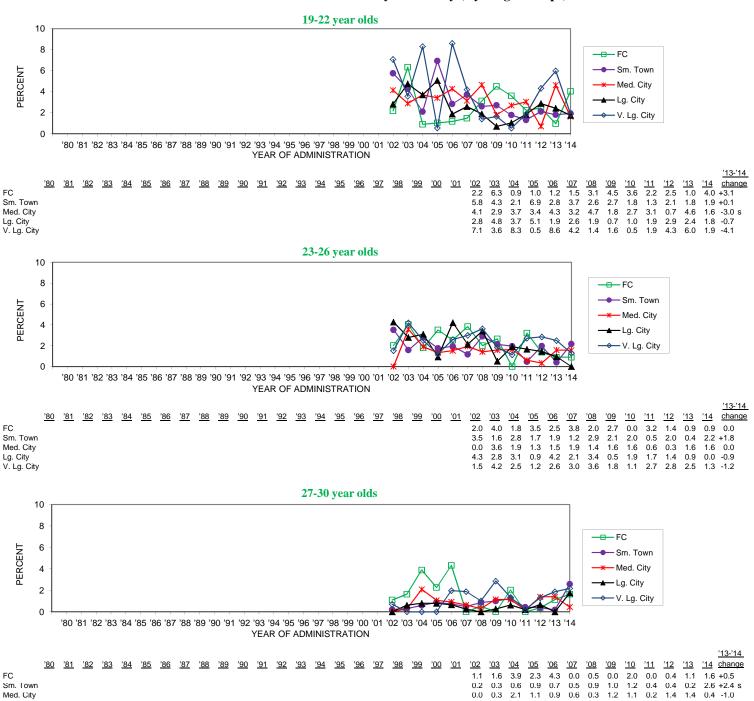
1.2

1.8 +0.6

Trends in Ritalin Use by Region (1-10 yrs. Past High School)



Trends in Annual Ritalin Use by Urbanicity (4 yr. Age Groups)



0.3

2.9

0.6

0.3 0.0

0.0

0.6 0.8

0.8 0.7

0.0 2.0 1.9 1.0

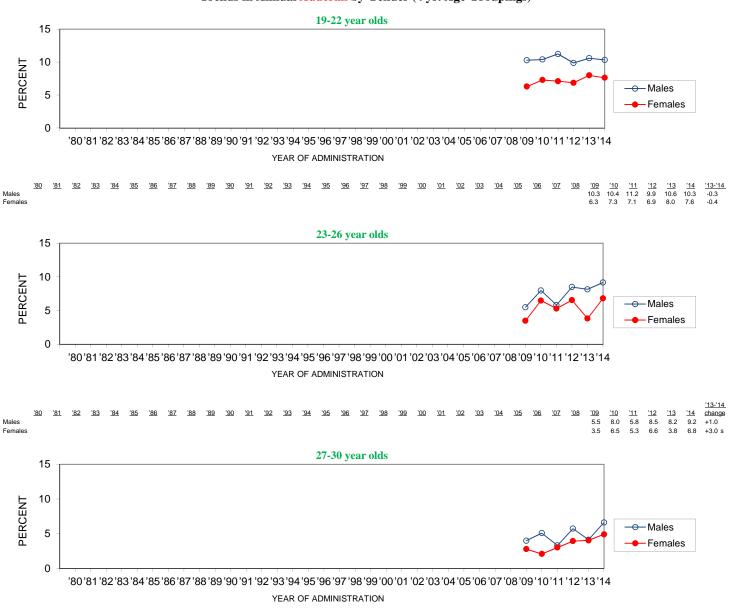
0.2 0.7 0.0

0.2

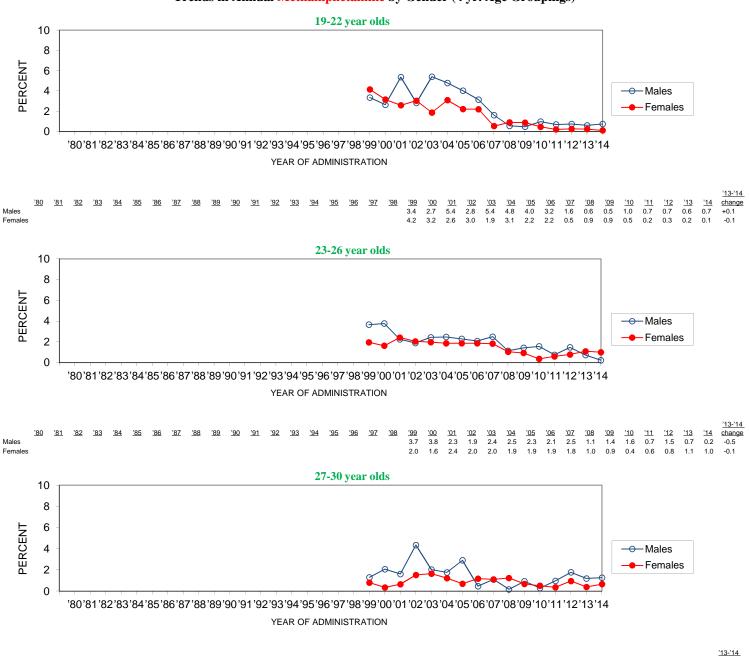
1.8 +1.8 s

Lg. City V. Lg. City

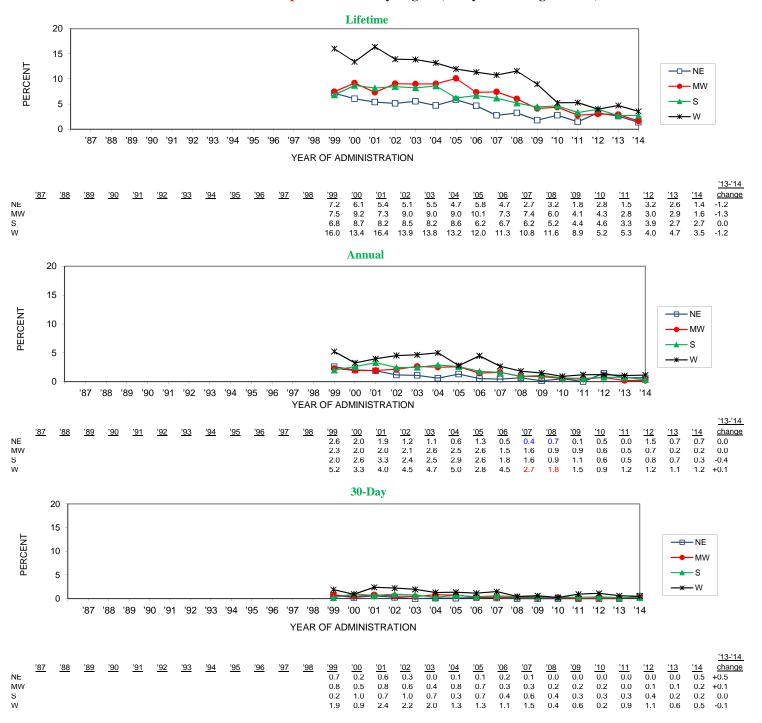
Trends in Annual Adderall by Gender (4 yr. Age Groupings)



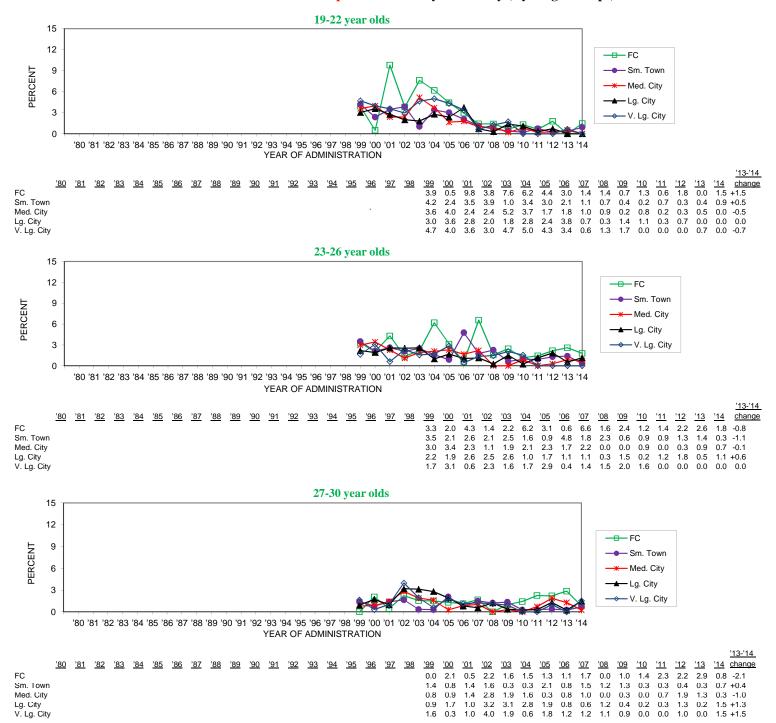
Trends in Annual Methamphetamine by Gender (4 yr. Age Groupings)



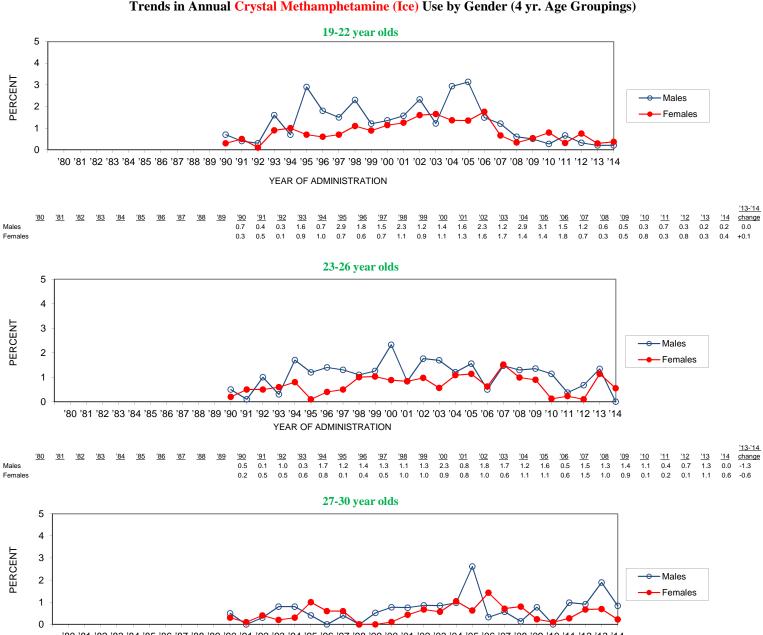
Trends in Methamphetamine Use by Region (1-10 yrs. Past High School)

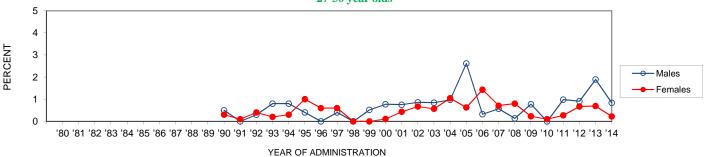


Trends in Annual Methamphetamine Use by Urbanicity (4 yr. Age Groups)



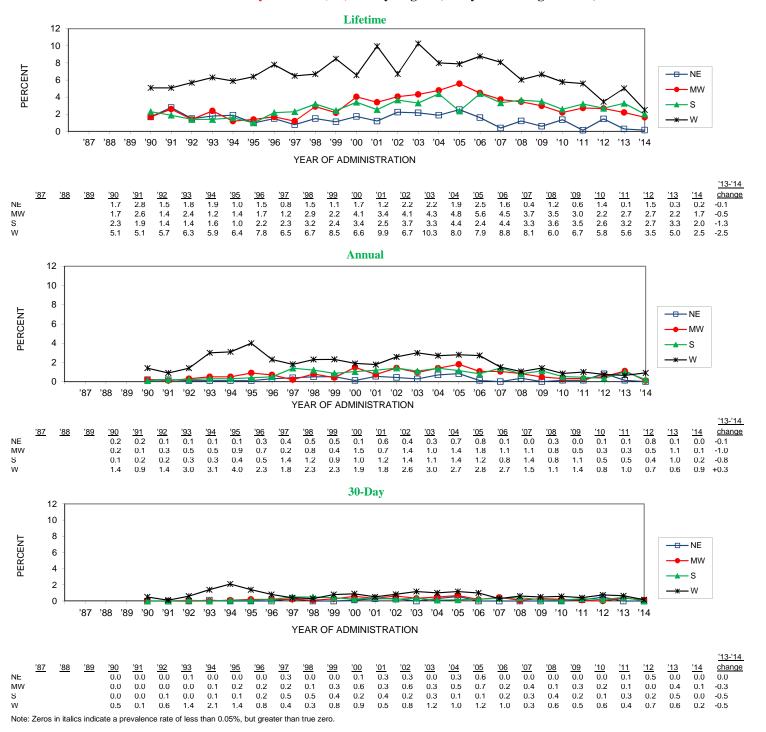
Trends in Annual Crystal Methamphetamine (Ice) Use by Gender (4 yr. Age Groupings)



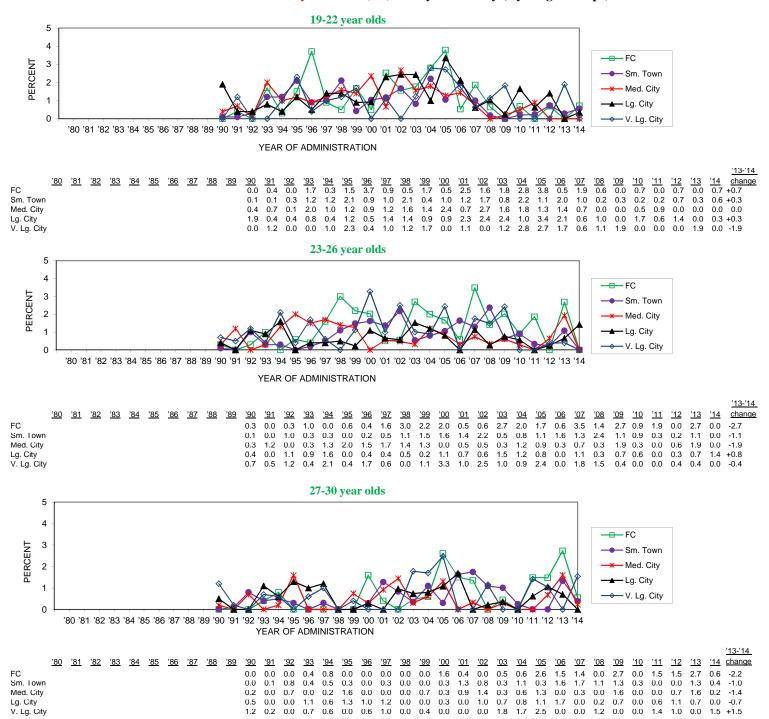


'13-'14 '87 '90 '91 '92 '93 '95 '96 '97 '98 '99 00 '01 '02 '03 '05 '06 '07 '09 change '80 '94 1.0 Males 0.5 0.0 0.3 8.0 0.4 0.0 0.4 0.0 0.5 8.0 8.0 0.9 0.8 1.0 2.6 0.6 0.1 0.8 0.0 0.9 1.9 0.8 Females 0.3 0.1 0.4 0.2 0.3 1.0 0.6 0.6 0.0 0.0 0.1 0.4 0.7 0.6 1.0 0.6 1.4 0.7 0.8 0.2 0.1 0.3 0.7 0.7 0.2 -0.5

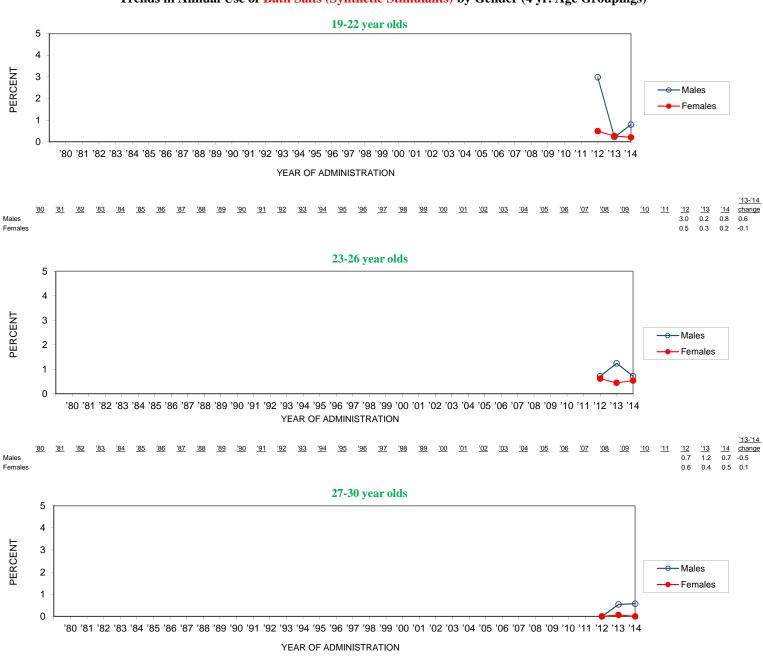
Trends in Crystal Meth (Ice) Use by Region (1-10 yrs. Past High School)



Trends in Annual Crystal Meth (Ice) Use by Urbanicity (4 yr. Age Groups)



Trends in Annual Use of Bath Salts (Synthetic Stimulants) by Gender (4 yr. Age Groupings)



'94 '95

Males

Females

<u>'96 '97 '98</u>

<u>'99 '00 '01</u>

<u>'03</u> <u>'04</u>

'06

'13-'14

change

<u>'12</u> <u>'13</u>

0.0

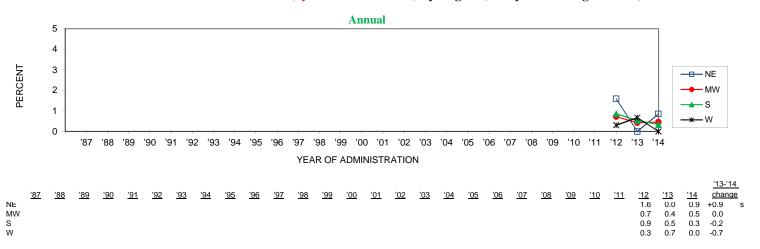
0.0 0.1

0.5

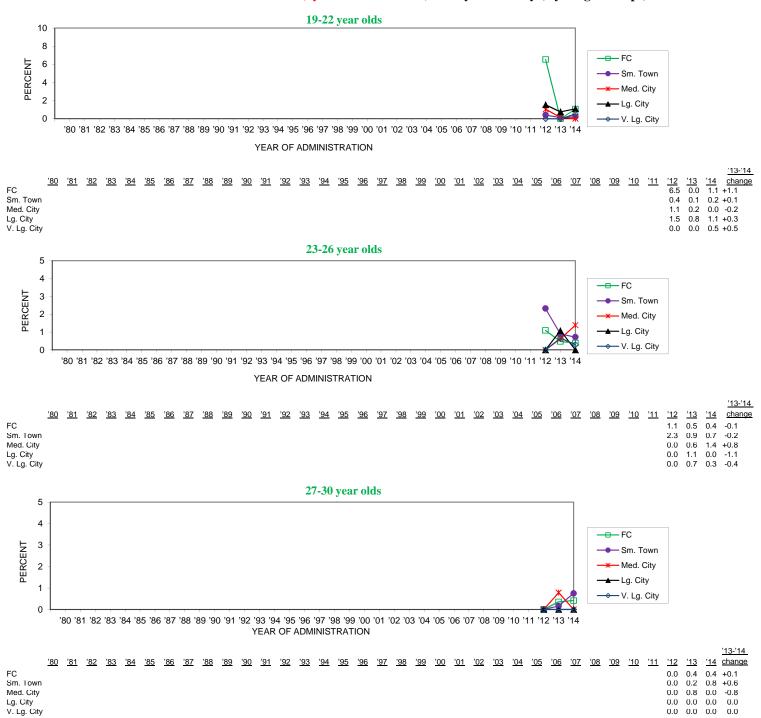
0.6 0.0

0.0 -0.1

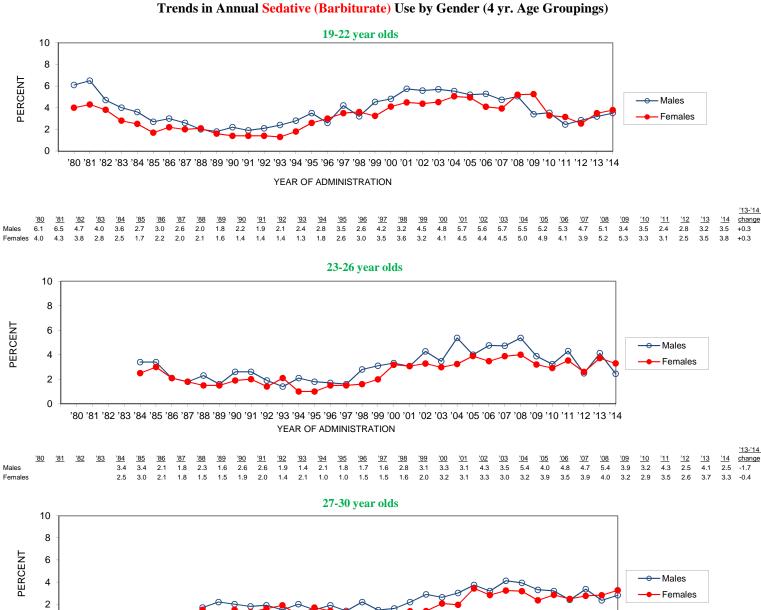
Trends in Use of Bath Salts (Synthetic Stimulants) by Region (1-10 yrs. Past High School)

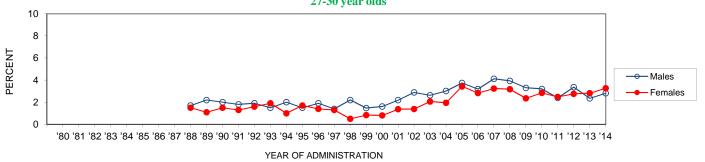


Trends in Annual Bath Salts (Synthetic Stimulants) Use by Urbanicity (4 yr. Age Groups)



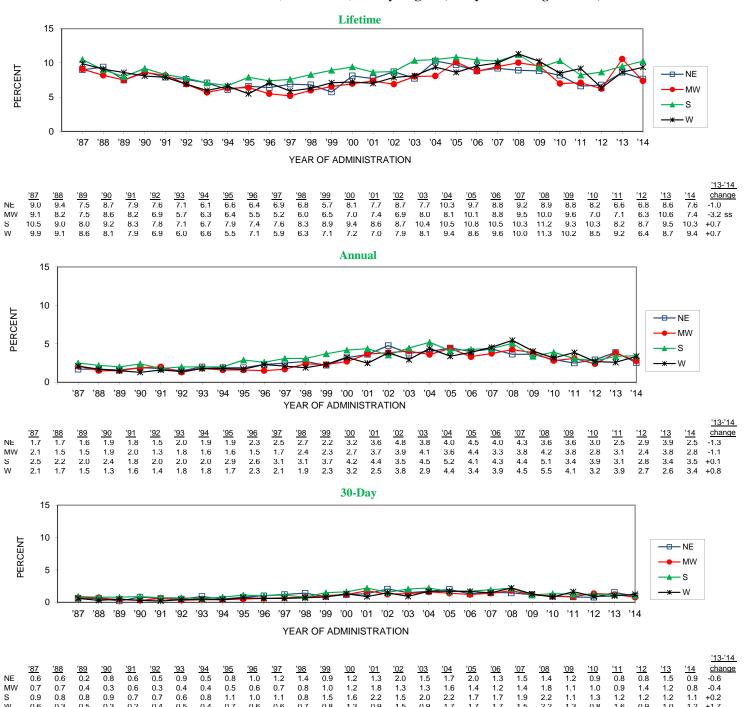
0.0



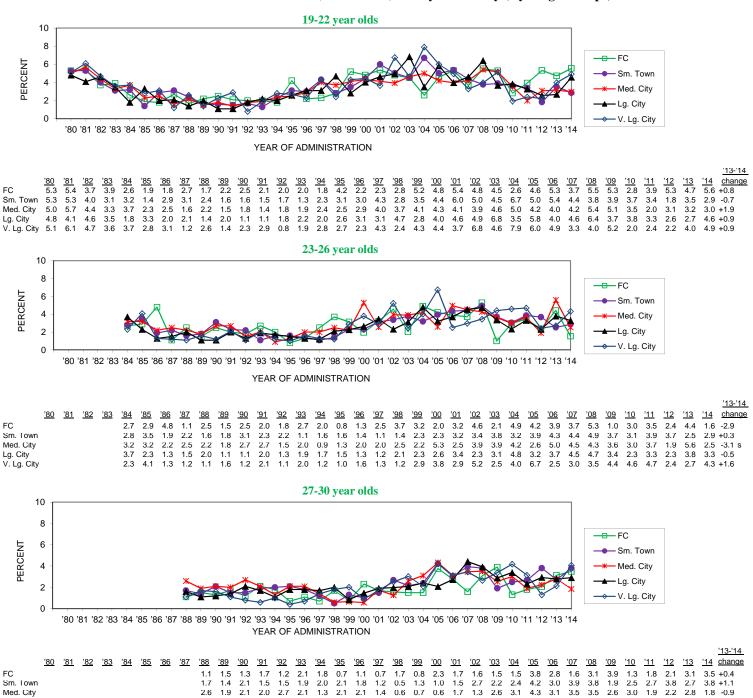


'98 <u>'99</u> 1.5 change 1.9 1.5 1.5 1.4 2.2 3.0 3.2 4.1 2.4 2.4 2.8 Males 2.2 2.0 1.6 2.2 2.9 2.6 3.7 3.9 3.2 Females 1.5 1.1 1.5 1.3 1.6 0.8 0.8 1.4 2.1 3.4 3.2 2.8

Trends in Sedative (Barbiturate) Use by Region (1-10 yrs. Past High School)



Trends in Annual Sedative (Barbiturate) Use by Urbanicity (4 yr. Age Groups)



 $1.8 \quad 1.7 \quad 2.0 \quad 0.9 \quad 1.5 \quad 1.9 \quad 2.0$

1.1

2.1

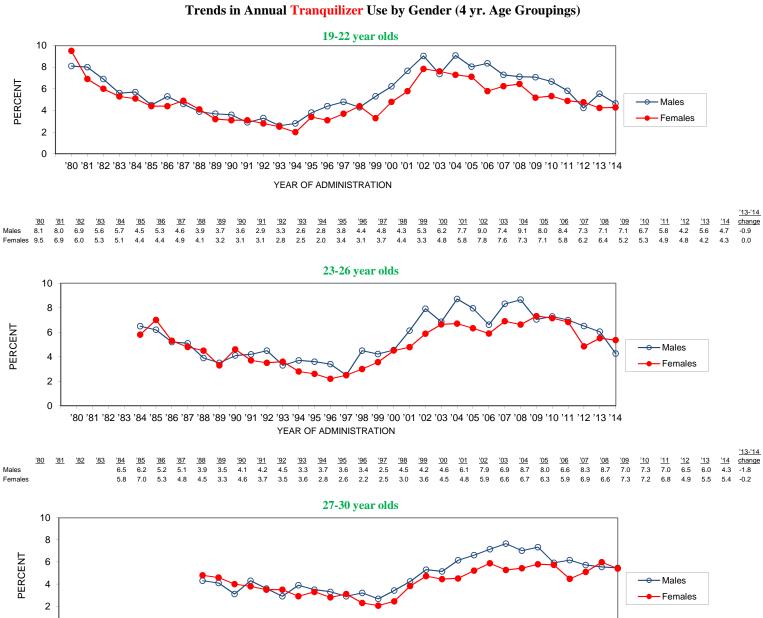
0.8 0.6 1.0 0.4 0.7 1.4 1.8 2.0 0.9 1.7 2.5

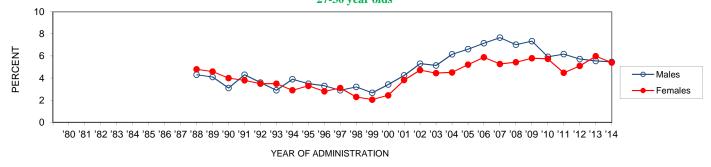
2.1 3.0 $2.4 \quad 2.1 \quad 2.7 \quad 4.4 \quad 3.9 \quad 2.9 \quad 3.4$

2.1 4.2 3.1

Lg. City

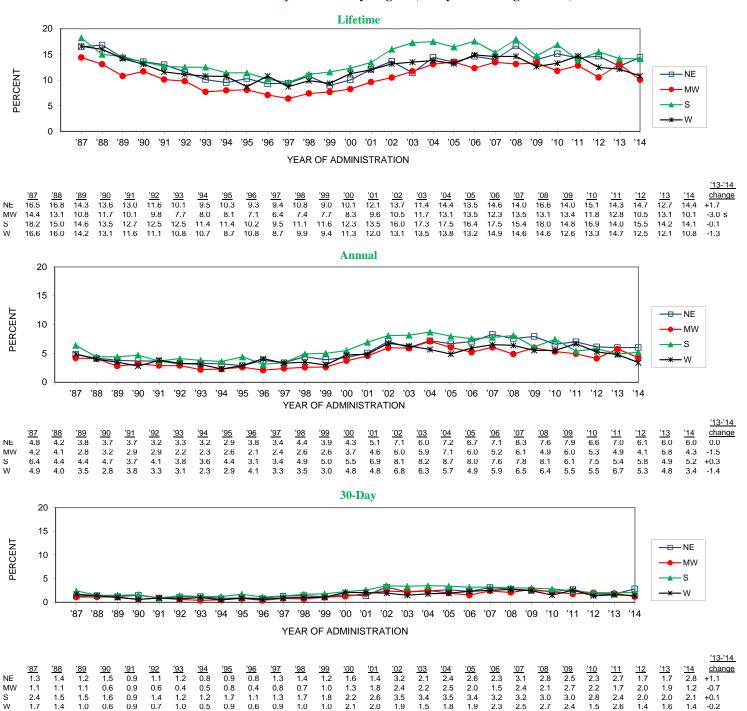
V. Lg. City



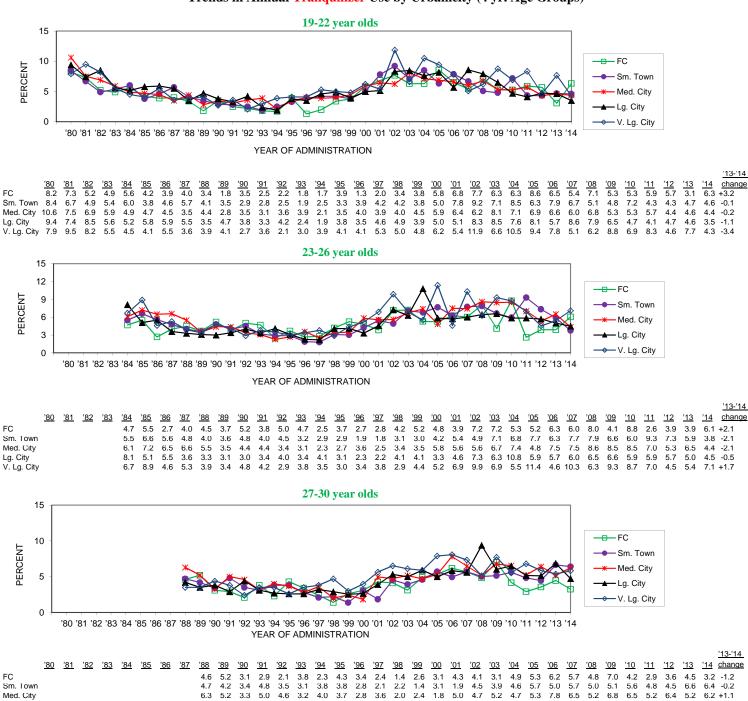


'88 '98 change 2.9 2.7 6.2 4.5 7.2 5.9 5.9 5.7 6.2 4.5 5.7 5.1 5.5 5.4 Males 4.3 3.1 4.3 3.6 2.9 3.9 3.5 3.3 3.2 4.2 5.3 6.6 7.0 5.5 Females 4.8 4.6 4.0 3.8 3.5 3.5 2.9 3.3 2.8 2.3 2.4 3.8 4.5 5.2 5.3 6.0

Trends in Tranquilizer Use by Region (1-10 yrs. Past High School)



Trends in Annual Tranquilizer Use by Urbanicity (4 yr. Age Groups)



4.6 3.2

4.4 2.4

3.1 2.7 2.6 2.6 3.2 2.9 2.5 2.6 3.9 5.3 5.0 5.9 5.0 5.8 5.6 9.4 6.0 6.5

3.5 3.5 2.6 3.5 3.8 4.7 3.0 4.0 5.6 6.5 6.1 5.9 7.9 8.1

2.9

3.7 2.8 3.6 2.0 2.4 5.0 4.7 4.7 5.3 7.8 6.5 5.2 6.8

Med. City

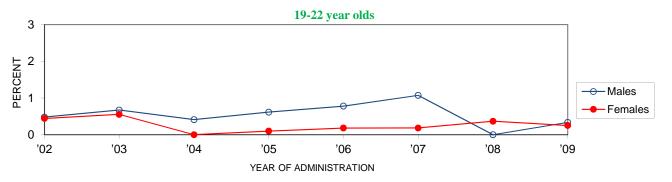
Lg. City

V. Lg. City

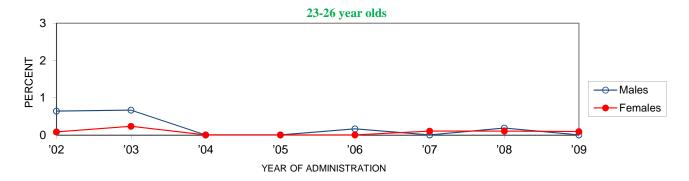
5.0

6.6

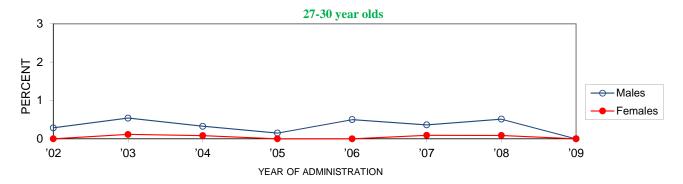
Trends in Annual Rohypnol by Gender (4 yr. Age Groupings)



'<u>02</u> 0.5 0.4 <u>'04</u> 0.4 0.0 <u>'05</u> 0.6 0.1 <u>'06</u> 0.8 0.2 <u>'07</u> 1.1 0.2 '90 <u>'91</u> <u>'01</u> <u>'03</u> 0.7 <u>'08</u> 0.0 <u>'09</u> 0.3 '88 '89 '92 '98 '99 <u>'00</u> Males Females

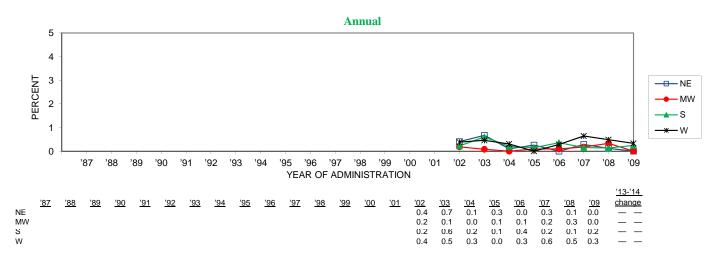


<u>'02</u> 0.6 0.1 <u>'03</u> 0.7 0.2 <u>'04</u> 0.0 0.0 <u>'05</u> 0.0 0.0 <u>'07</u> 0.0 0.1 <u>'06</u> 0.2 <u>'08</u> 0.2 <u>'09</u> 0.0 <u>'87</u> '88 '89 <u>'90</u> <u>'91</u> <u>'92</u> <u>'95</u> <u>'99</u> <u>'00</u> Males 0.0 Females

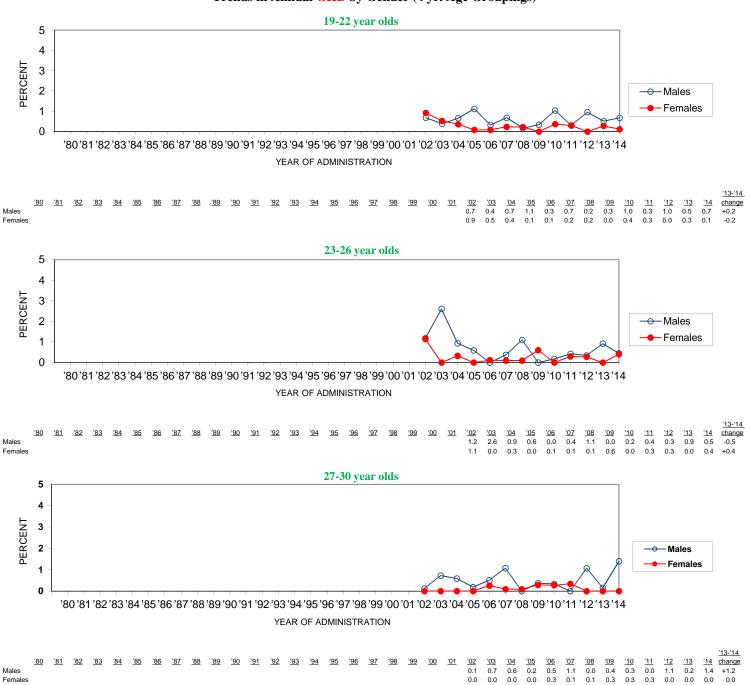


<u>'02</u> 0.3 <u>'03</u> 0.5 <u>'04</u> 0.3 <u>'05</u> 0.2 0.0 <u>'07</u> 0.4 <u>'80</u> <u>'81 '82 '83</u> <u>'87</u> <u>'88</u> '89 '90 '91 '92 '93 '94 '95 '96 <u>'97 '98 '99 '00 '01</u> <u>'06</u> 0.5 <u>'08</u> 0.5 Males 0.0 0.1 0.1 0.0 0.1

Trends in Rohypnol Use by Region (1-10 yrs. Past High School)

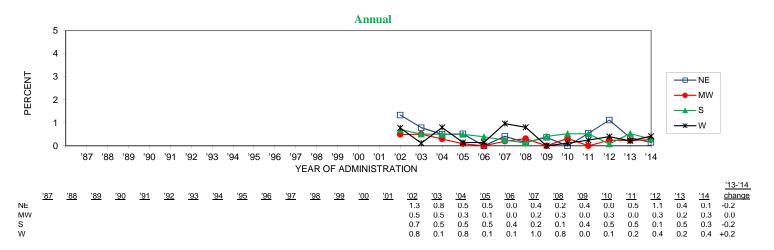


Trends in Annual GHB by Gender (4 yr. Age Groupings)

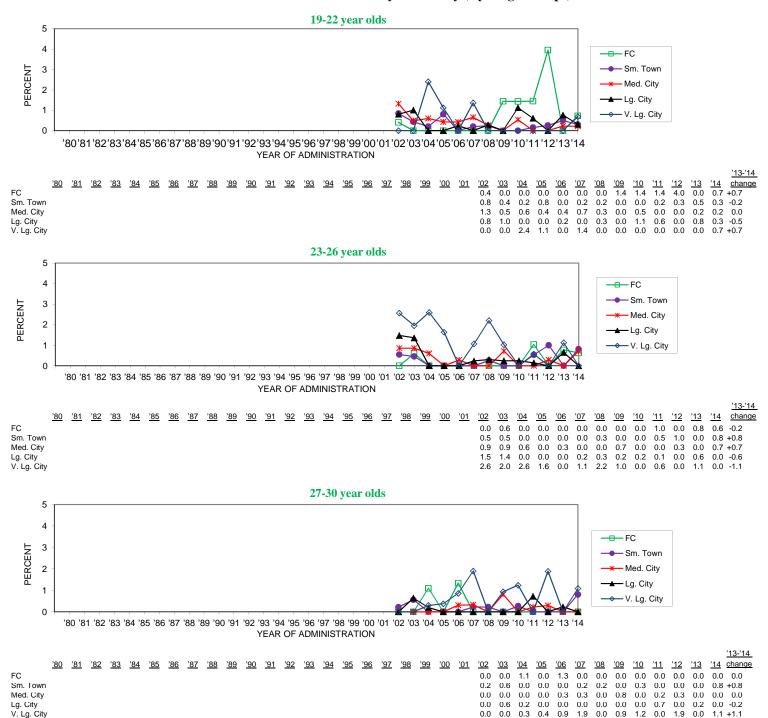


Males

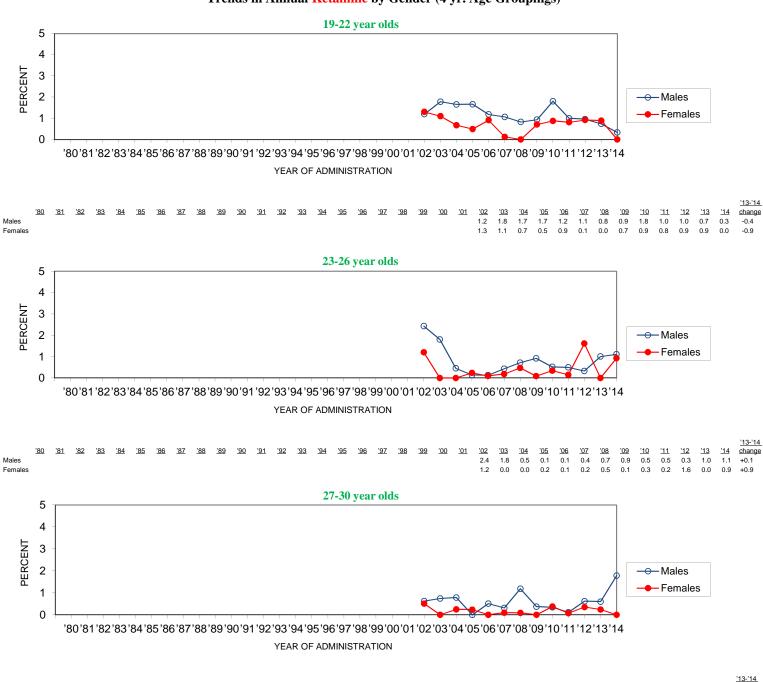
Trends in **GHB** Use by Region (1-10 yrs. Past High School)



Trends in Annual GHB Use by Urbanicity (4 yr. Age Groups)



Trends in Annual Ketamine by Gender (4 yr. Age Groupings)



<u>'04</u> <u>'05</u> 0.8 0.0

0.5 0.3 1.2 0.4

<u>'02</u>

0.6 0.7

<u>'11</u> 0.1 0.1

'14 change

1.8 +1.2

0.6 0.2

0.6

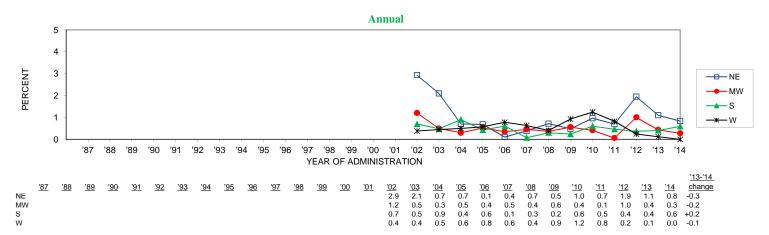
<u>'10</u> 0.3

<u>'09</u>

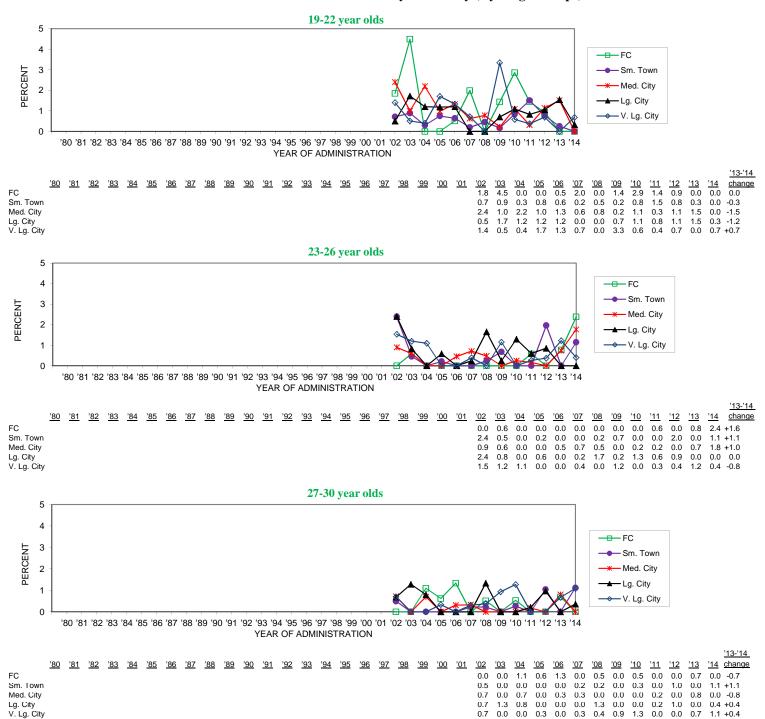
Males

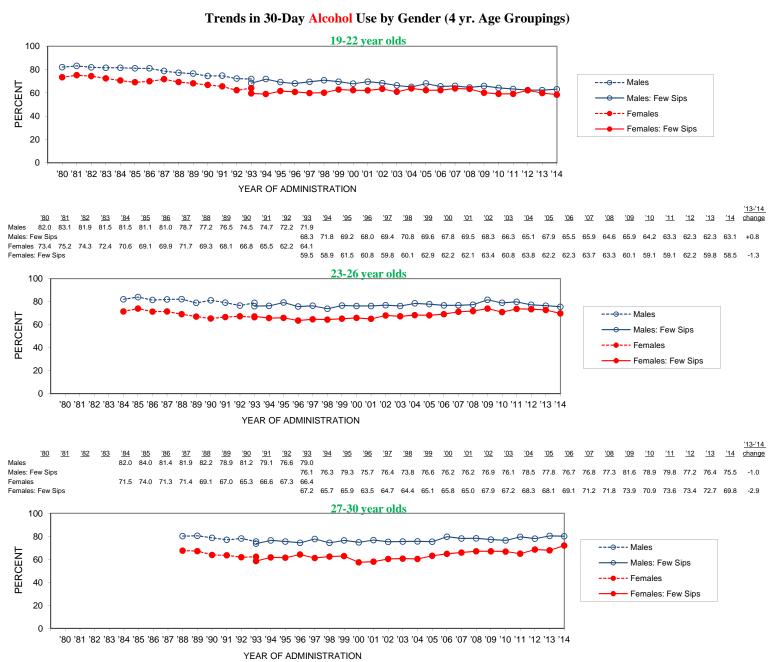
Females

Trends in Ketamine Use by Region (1-10 yrs. Past High School)

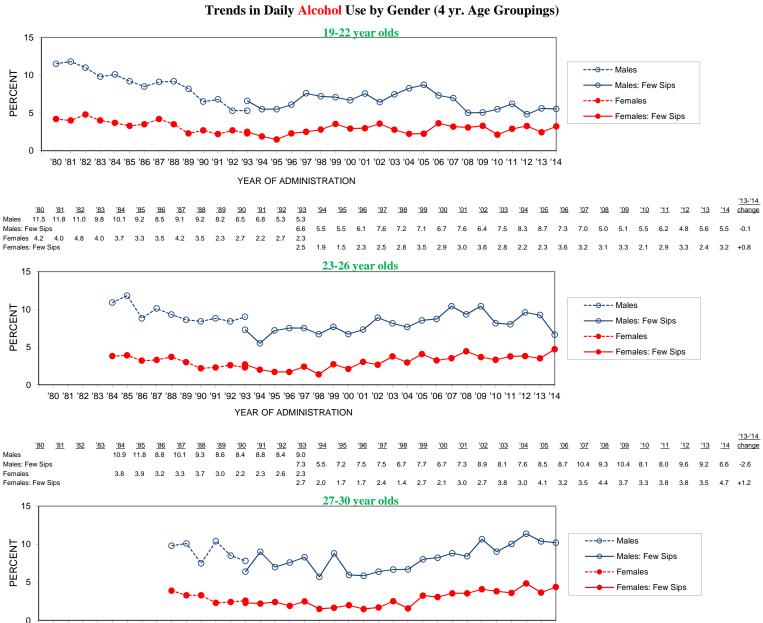


Trends in Annual Ketamine Use by Urbanicity (4 yr. Age Groups)





'13-'14 '91 '93 '89 '90 '92 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '09 '10 '11 '12 '13 '14 '80 '81 '85 '86 '88 '94 change Males 78.7 77.0 78.1 Males: Few Sips 73.7 76.4 75.5 74.4 77.7 74.3 76.5 74.7 76.8 75.3 75.5 75.6 75.4 79.6 78.1 78.3 77.1 76.5 79.4 78.0 80.3 80.1 Females 67.6 67.2 63.8 63.5 61.8 62.3 Females: Few Sips $61.7 \quad 61.4 \quad 64.2 \quad 61.2 \quad 62.4 \quad 62.8 \quad 57.5 \quad 57.9 \quad 60.3 \quad 60.6 \quad 60.4 \quad 63.0 \quad 64.7 \quad 65.9 \quad 67.0 \quad 67.0 \quad 66.8 \quad 65.0 \quad 68.5 \quad 67.8 \quad 71.9 \quad +4.1 \quad s \quad 67.0 \quad 67.$

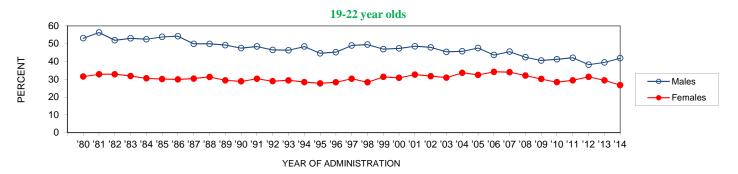


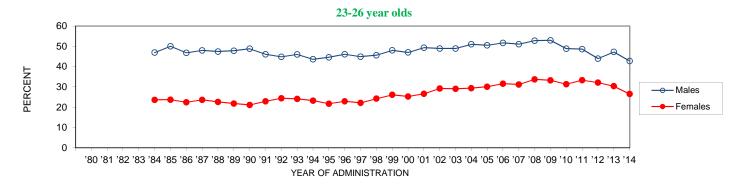
15		
≒ 10 -	6-9 A	⊖ Males
Ä	De la	— → Males: Few Sips
ERC		Females
월 5 -		Females: Few Sips
	4-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	
0 -		
	12' 11' 11' 11' 101' 90' 10' 10' 10' 10' 10' 10' 10' 10' 10' 1	

YEAR OF ADMINISTRATION

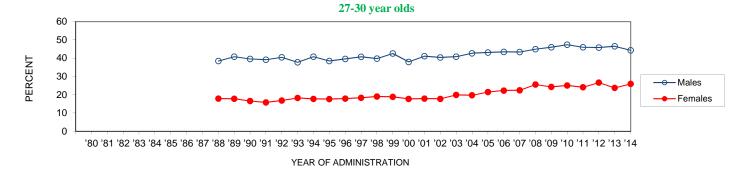
'91 '92 '11 '13 '14 '80 '81 '90 '93 '89 7.5 10.4 8.5 Males 7.8 Males: Few Sips 6.4 8.0 8.4 10.7 9.0 10.0 11.4 10.4 10.2 -0.2 Females 3.9 3.3 3.3 2.3 2.4 2.6 Females: Few Sips 3.2 3.1 3.6 3.5

Trends in Two-Week Binge Drinking by Gender (4 yr. Age Groupings)



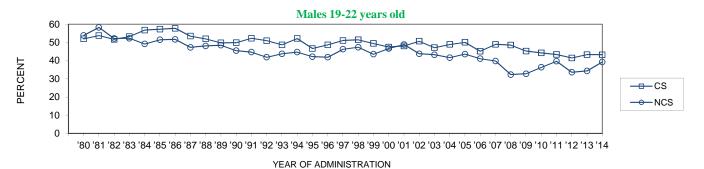


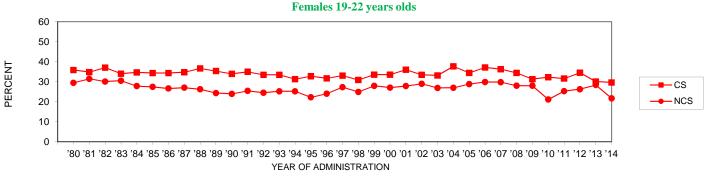
Hales
Hales
Helmales
Hales
Hal



'13-'14

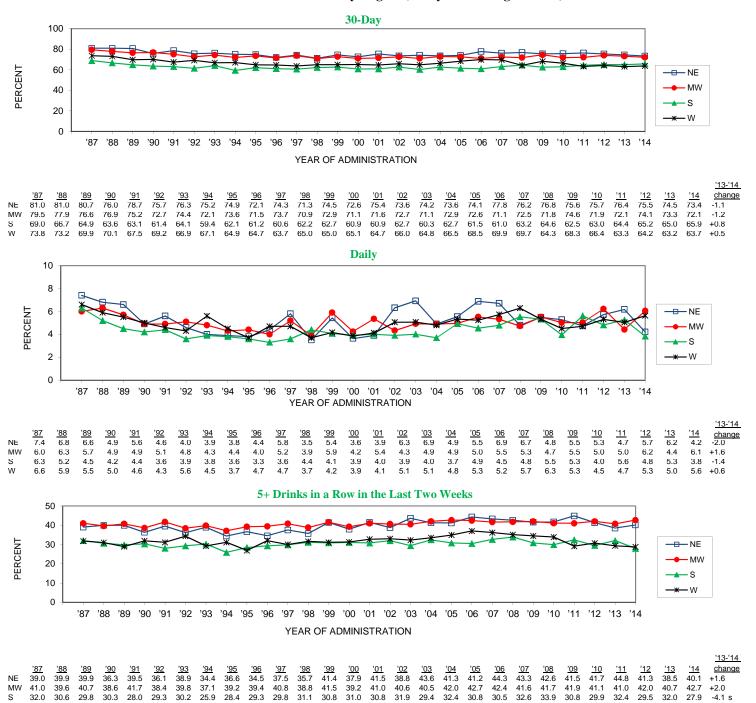
Trends in Two-Week Binge Drinking by College Student Status (by Gender)



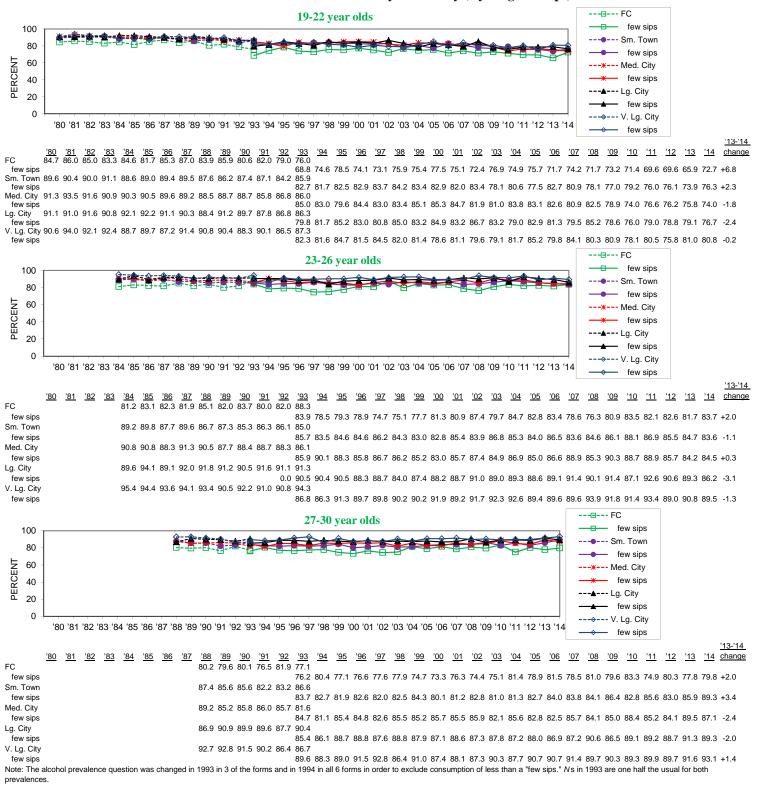


| Same |

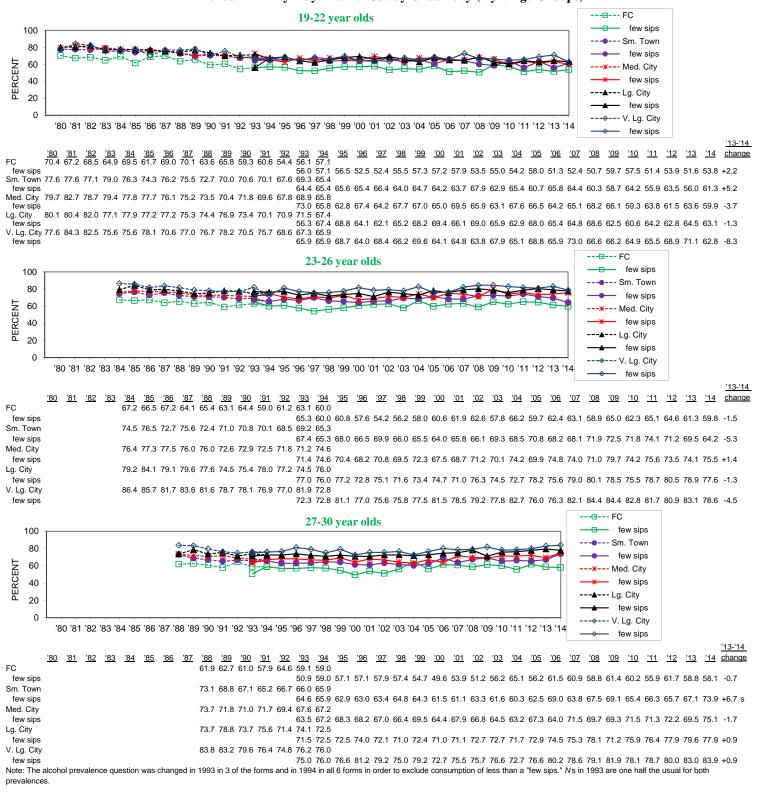
Trends in Alcohol Use by Region (1-10 yrs. Past High School)



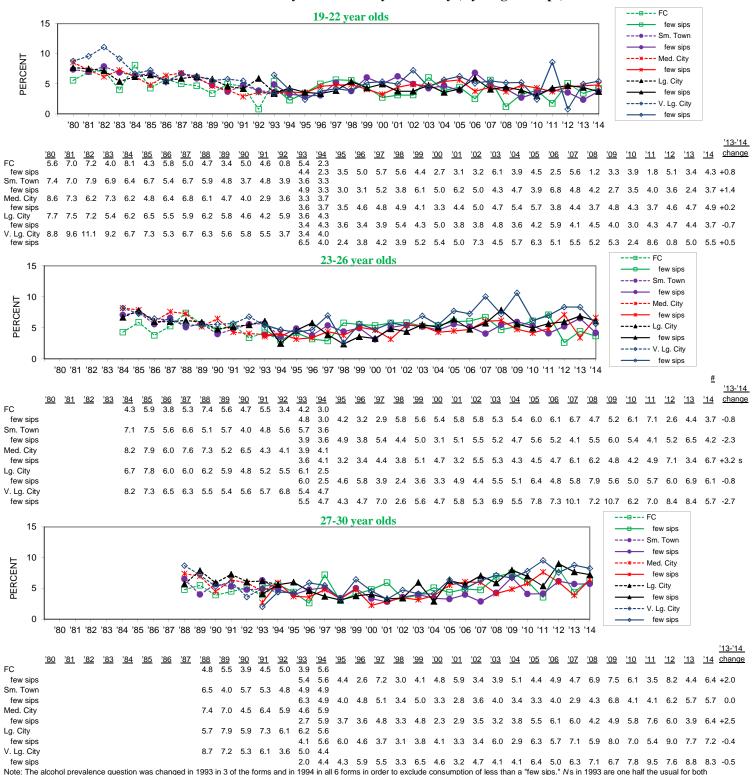
Trends in Annual Alcohol Use by Urbanicity (4 yr. Age Groups)



Trends in Thirty-Day Alcohol Use by Urbanicity (4 yr. Age Groups)

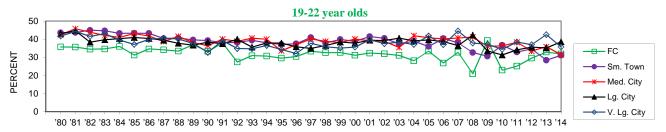


Trends in Daily Alcohol Use by Urbanicity (4 yr. Age Groups)



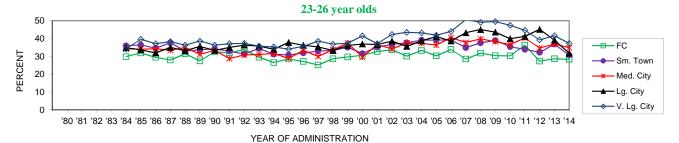
prevalences.

Trends in **Binge Drinking** by Urbanicity (4 yr. Age Groups)

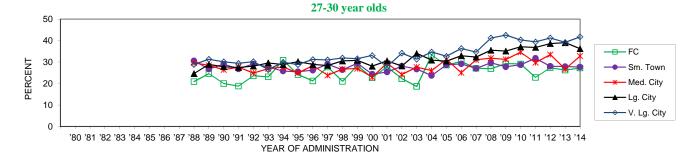


YEAR OF ADMINISTRATION

| 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-1

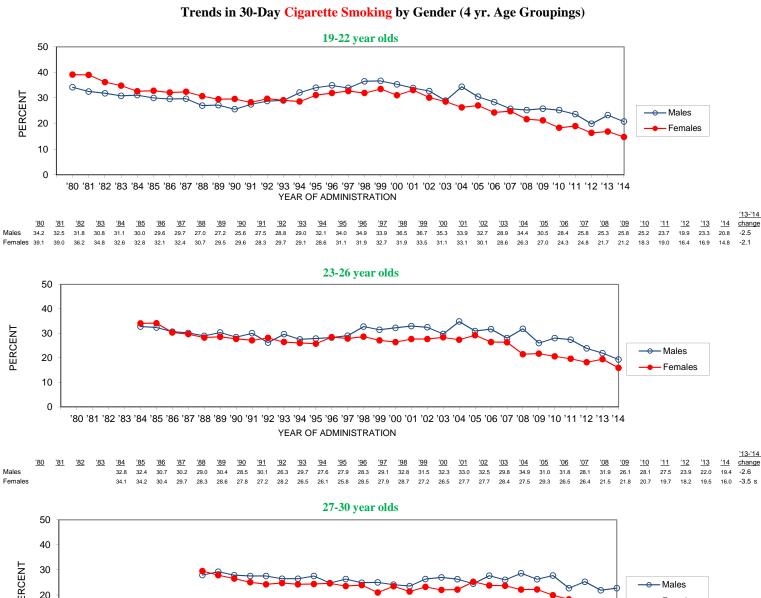


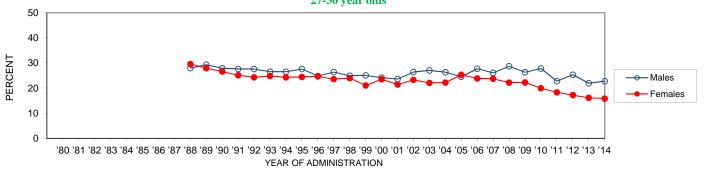
<u>'13-'14</u> change 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 29.9 31.9 29.5 28.0 31.5 27.5 32.5 32.0 33.9 29.5 26.6 28.5 27.2 25.2 28.7 29.7 30.6 32.7 33.7 30.1 33.3 30.3 33.9 28.5 31.9 30.4 30.3 36.3 27.4 28.7 28.3 -0.4 FC Sm. Town 36.0 36.4 34.6 37.6 33.0 33.7 34.2 32.9 31.4 34.4 31.2 30.8 31.9 33.0 33.3 35.0 31.6 35.2 36.7 37.6 39.1 39.2 39.2 39.2 34.9 37.6 39.0 35.4 33.9 32.3 36.9 30.8 -6.1 34.2 34.1 34.2 33.4 35.0 31.2 33.4 28.8 30.8 31.1 31.6 28.9 33.3 30.0 33.7 37.4 29.5 36.7 34.2 37.5 37.3 36.4 40.6 37.8 39.8 38.3 36.7 40.3 34.7 36.9 34.8 34.9 33.7 31.9 35.0 33.2 35.6 33.3 35.0 36.3 35.8 34.0 37.8 36.2 35.3 33.3 36.2 36.9 36.6 38.5 35.6 38.7 41.2 38.7 43.2 45.1 43.6 39.9 41.2 45.1 39.1 31.8 Med. City -2.1 Lg. City V. Lg. City -7.3 s 34.2 39.6 37.1 38.3 36.3 38.6 36.3 37.1 37.3 35.8 35.3 34.1 35.7 38.5 36.9 37.4 41.5 37.1 42.3 43.5 43.2 41.9 44.0 50.6 49.1 49.5 47.4 44.6 39.2 41.6 37.3 -4.3



80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 '13 '14 change $20.9\ \ 24.6\ \ 20.0\ \ 18.8\ \ 23.6\ \ 23.1\ \ 30.8\ \ 24.2\ \ 21.2\ \ 27.7\ \ 21.0\ \ 28.4\ \ 22.7\ \ 27.7\ \ 22.3\ \ 18.6\ \ 33.2\ \ 28.6\ \ 30.2\ \ 27.1\ \ 26.9\ \ 29.3\ \ 29.1\ \ 22.8\ \ 27.2$ +0.9 Sm. Town 30.6 26.7 29.0 26.8 29.1 27.7 25.8 25.5 26.2 29.0 26.4 29.4 24.4 25.4 28.1 26.7 23.7 28.7 29.1 27.0 29.6 27.8 28.7 31.8 28.0 27.9 27.6 -0.2 Med. City 29.6 28.5 26.4 27.6 24.9 26.9 27.7 24.9 28.3 23.8 26.7 27.0 22.9 29.5 24.2 27.7 26.0 31.2 25.0 31.0 31.8 31.2 34.6 29.7 33.5 26.7 32.8 +6.1 Lg. City -2.8 V. Lg. City 28.9 31.3 30.1 29.4 30.2 26.5 29.9 28.8 31.2 31.0 31.9 31.6 33.1 27.8 34.1 31.4 34.7 32.7 36.3 34.7 41.2 42.5 40.3 39.4 41.2 39.2 41.7 +2.5

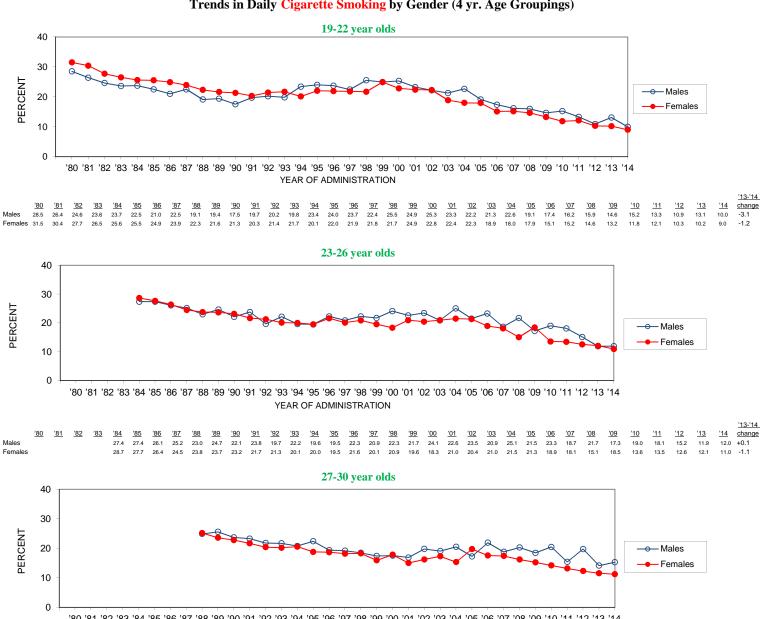
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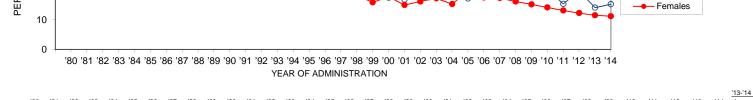




'13-'14 '80 <u>'88'</u> <u>'89</u> '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 <u>'06</u> '07 '08 '09 '14 change '90 Males 26.4 24.9 25.1 23.6 26.3 27.8 22.8 Females 24.3 24.8 24.3 24.4 24.7 23.6 24.0 21.0 23.5 21.4 23.3 22.0 22.2 25.3 23.8 23.7 22.2 22.3 20.0 18.3 17.2 16.1 15.9

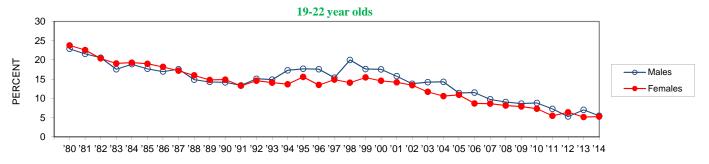
Trends in Daily Cigarette Smoking by Gender (4 yr. Age Groupings)





<u>'80</u> '88 '89 '90 '93 <u>'94</u> '95 <u>'96</u> '97 '98 '99 '01 '03 <u>'04</u> <u>'10</u> <u>'12</u> change 18.5 18.3 17.4 16.0 17.6 17.8 16.9 15.0 19.8 16.3 19.1 17.3 20.5 15.4 17.3 19.7 18.8 14.2 11.6 15.3 11.3 Males 25.6 23.7 23.3 21.7 20.8 22.4 19.4 19.2 21.9 18.5 20.5 15.4 19.8 20.6 18.8 18.7 Females 18.2

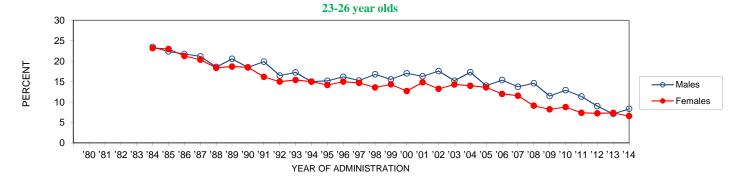
Trends in Daily Half Pack or More Cigarette Smoking by Gender (4 yr. Age Groupings)

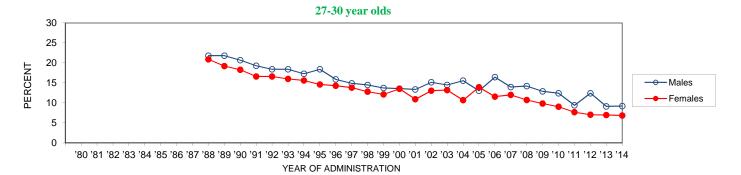


YEAR OF ADMINISTRATION

| Males | 23, 21.6 | 23, 22.6 | 23, 24 | 13, 24 | 23, 24 | 23, 24 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25 | 24, 25

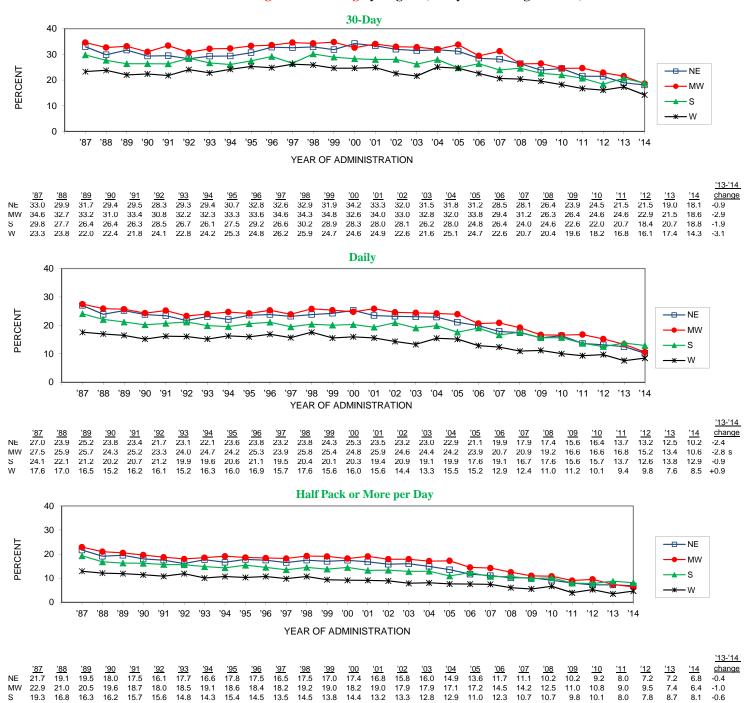
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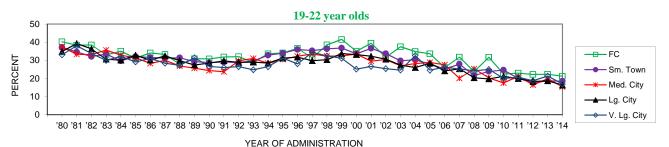


'88 '89 '90 '92 '93 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '09 '13 '14 change 21.8 20.7 19.3 18.4 18.4 17.3 18.4 15.9 14.9 14.5 13.7 13.6 13.4 15.2 14.5 15.6 13.1 16.4 14.0 14.2 12.9 Males 12.4 9.4 12.4 9.2 +0.1 $20.9 \quad 19.2 \quad 18.3 \quad 16.6 \quad 16.6 \quad 16.6 \quad 16.0 \quad 15.6 \quad 14.6 \quad 14.3 \quad 13.8 \quad 12.8 \quad 12.2 \quad 13.5 \quad 10.9 \quad 13.1 \quad 13.2 \quad 10.7 \quad 13.9 \quad 11.6 \quad 12.0 \quad 10.7 \quad 13.9 \quad 10.7 \quad 13.9 \quad 10.7 \quad$ Females

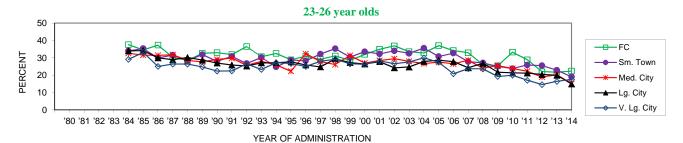
Trends in Cigarette Smoking by Region (1-10 yrs. Past High School)

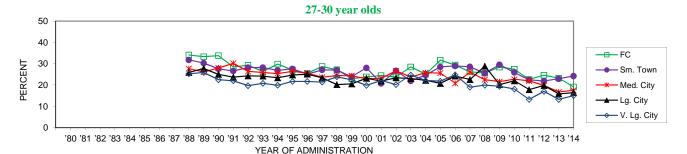


Trends in Thirty-Day Cigarette Smoking by Urbanicity (4 yr. Age Groups)



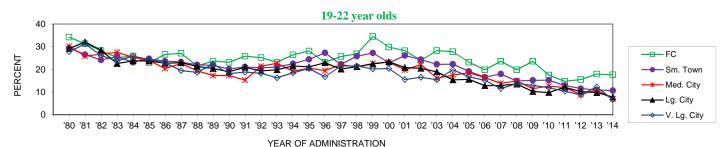
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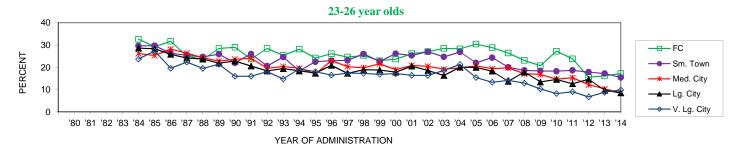


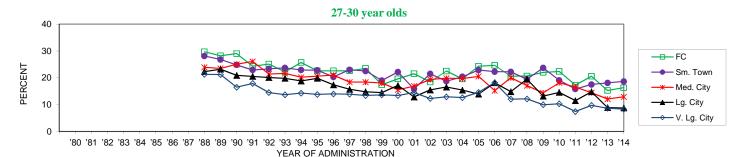
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Trends in Daily Cigarette Smoking by Urbanicity (4 yr. Age Groups)



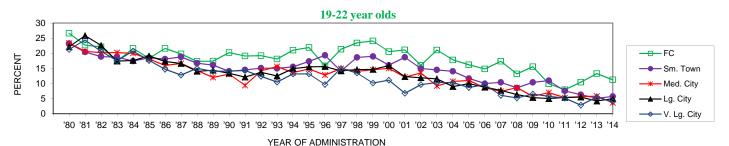
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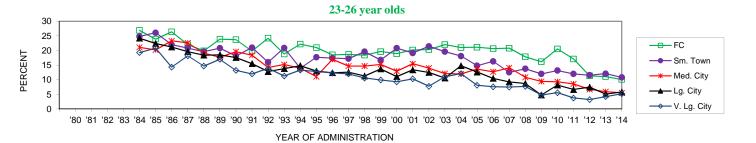


| 13-14| | 14-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 1

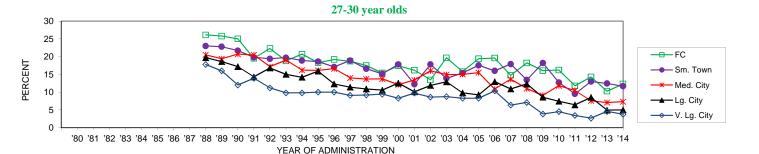
Trends in Half Pack or More Daily Cigarette Smoking by Urbanicity (4 yr. Age Groups)



| 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-1

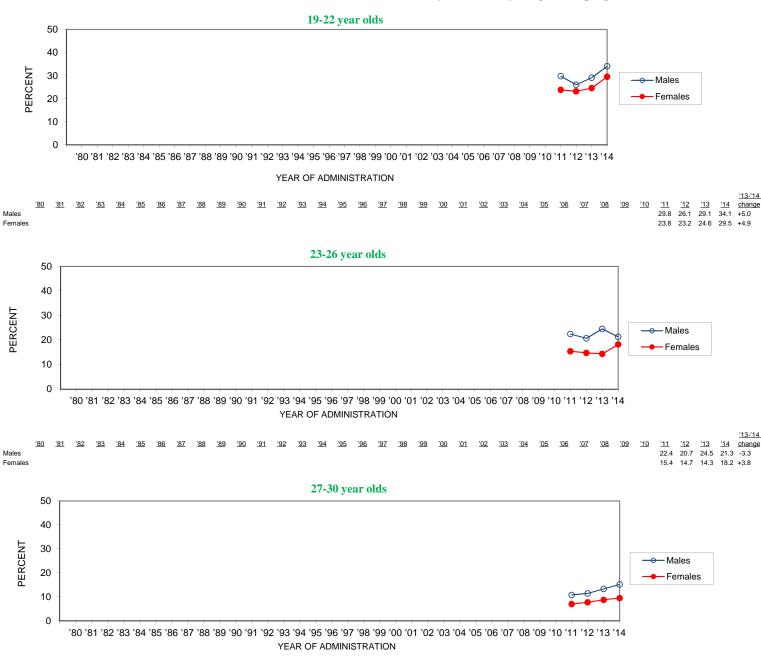


81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 FC 26.9 23.9 26.4 22.0 19.9 23.9 23.7 19.8 24.2 18.8 22.2 21.0 18.5 18.7 18.4 19.6 18.9 20.2 20.3 22.0 21.0 21.1 20.6 20.8 17.9 16.2 20.5 17.1 11.3 11.1 10.1 13.2 12.0 11.6 12.1 10.8 Sm. Town 24.8 26.1 22.0 20.8 19.6 20.8 18.1 21.0 16.0 20.9 13.9 17.7 17.4 17.2 19.6 16.8 20.8 19.1 21.4 19.6 18.1 14.8 16.3 12.6 13.7 12.0 21.1 20.2 23.3 22.6 19.1 17.7 19.6 18.4 14.2 15.2 13.9 11.1 17.0 14.7 14.7 15.2 12.9 15.5 14.0 12.1 12.0 13.6 12.7 14.1 10.8 24.2 22.4 21.2 19.6 18.4 18.5 17.6 15.5 12.8 13.8 14.8 13.0 12.4 12.6 11.3 13.7 11.1 13.4 12.5 10.6 14.8 12.6 10.5 9.2 8.7 8.5 6.7 6.7 5.9 7.5 5.1 Med. City 9.4 9.3 Lg. City V. Lg. City 4.8 8.2 5.8 +0.7 19.3 20.8 14.3 18.2 14.7 17.0 13.2 12.0 13.9 11.3 13.3 12.8 12.3 12.0 10.6 9.9 9.3 10.3 7.8 11.0 12.1 8.1 7.6



| 13-14| | 14-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 15-14| | 1

Trends in Annual Use of Tobacco with a Hookah by Gender (4 yr. Age Groupings)



YEAR OF ADMINISTRATION

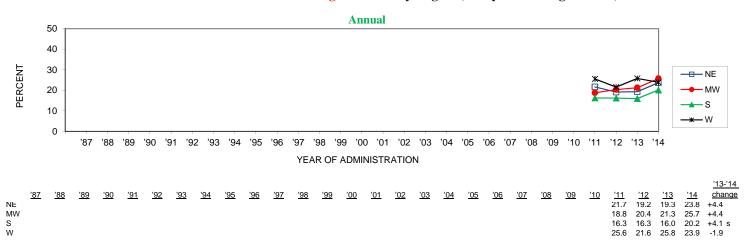
***So '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14 change Males

Females

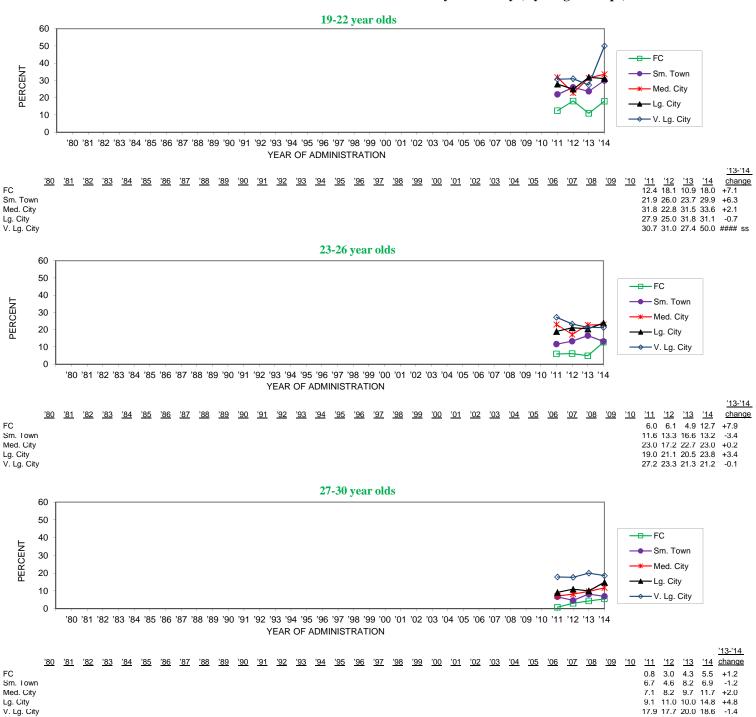
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Trends in Use of Tobacco Using a Hookah by Region (1-10 yrs. Past High School)

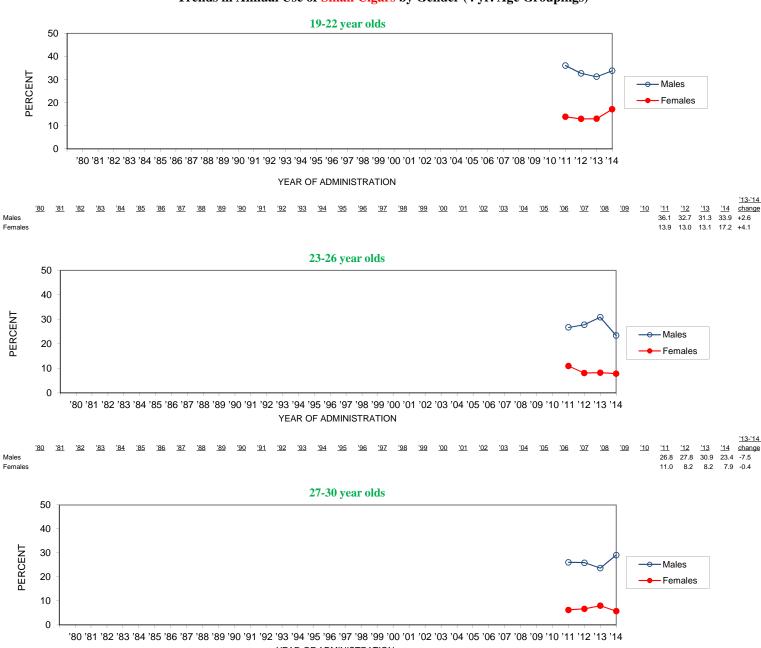


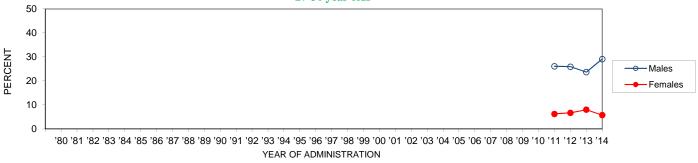
Trends in Annual Use of Tobacco with a Hookah by Urbanicity (4 yr. Age Groups)



Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

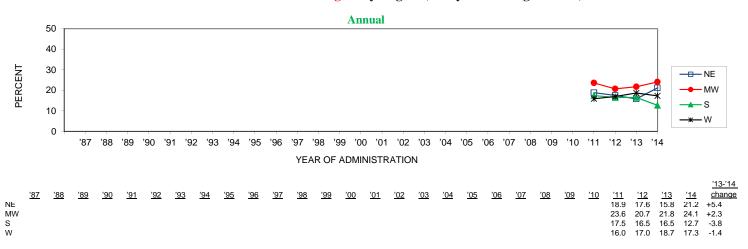
Trends in Annual Use of Small Cigars by Gender (4 yr. Age Groupings)



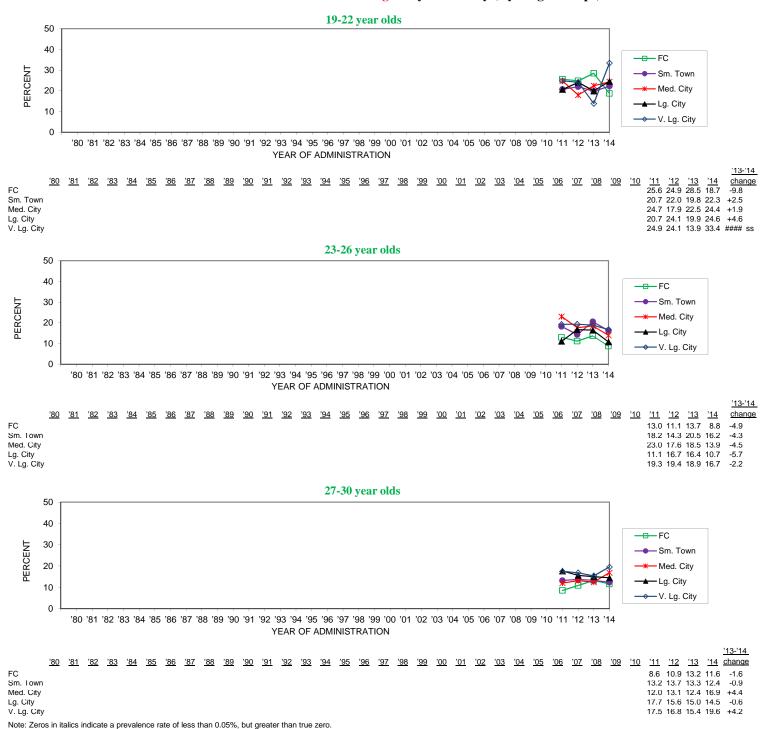


<u>'11</u> <u>'12</u> <u>'13</u> <u>'14</u> <u>chang</u> 26.1 25.9 23.7 29.1 +5.4 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '14 change Males

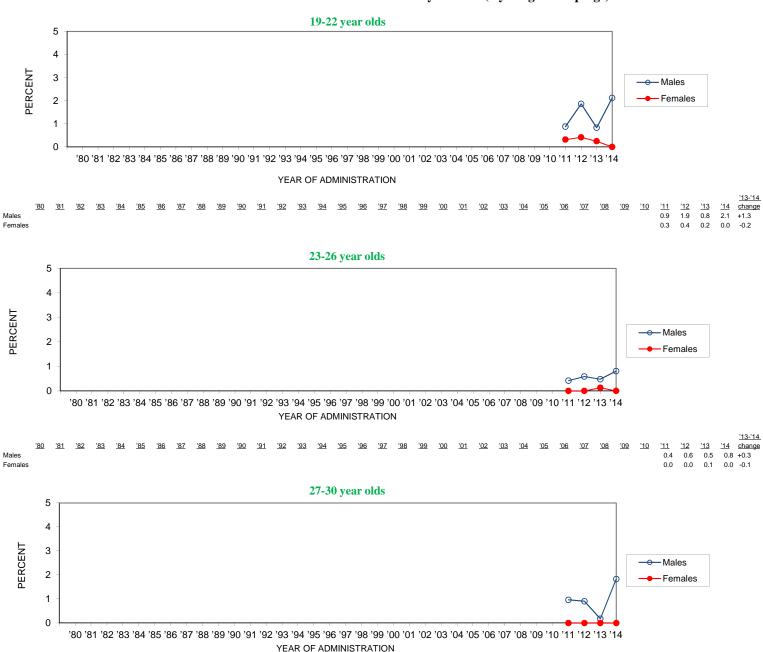
Trends in Use of Small Cigars by Region (1-10 yrs. Past High School)



Trends in Annual Use of Small Cigars by Urbanicity (4 yr. Age Groups)



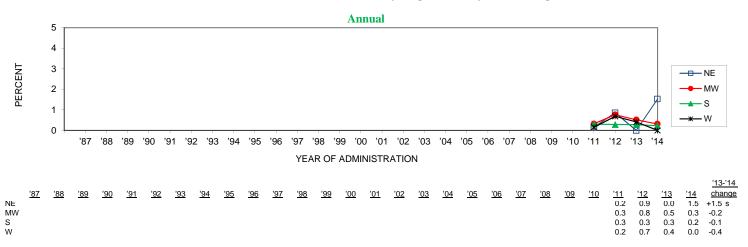
Trends in Annual Use of Dissolvable Tobacco by Gender (4 yr. Age Groupings)



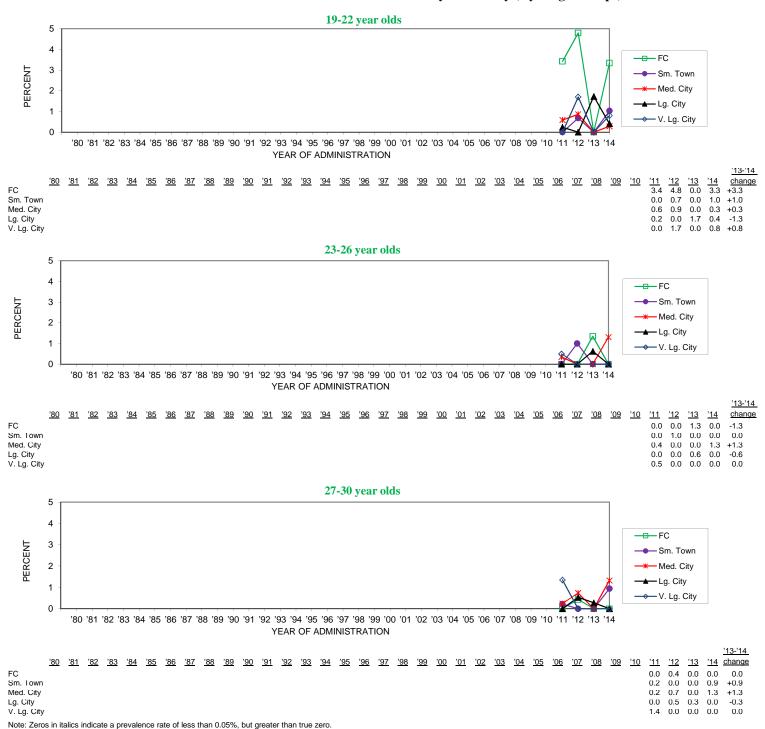
13.14 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 100 101 102 103 104 105 106 107 108 109 110 111 12 13 14 change Males

Females

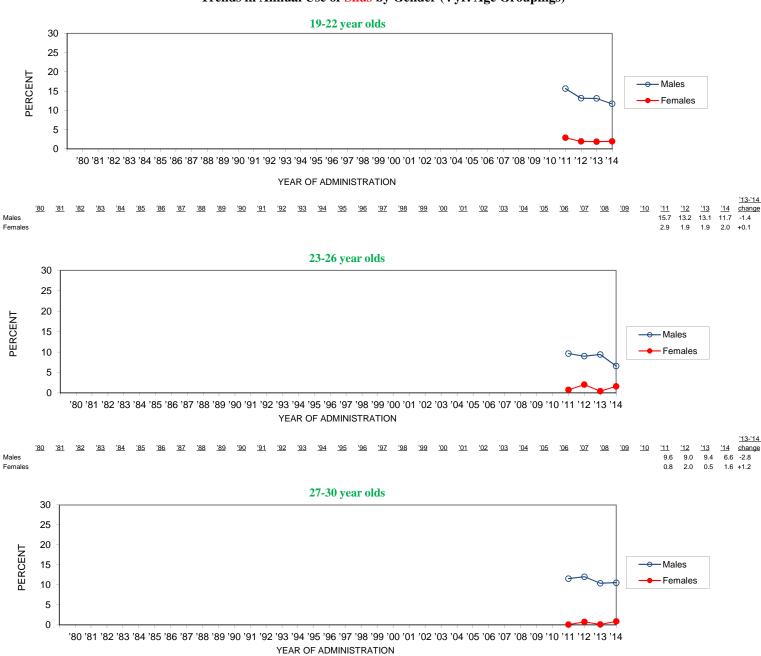
Trends in Use of Dissolvable Tobacco by Region (1-10 yrs. Past High School)



Trends in Annual Use of Dissolvable Tobacco by Urbanicity (4 yr. Age Groups)



Trends in Annual Use of Snus by Gender (4 yr. Age Groupings)



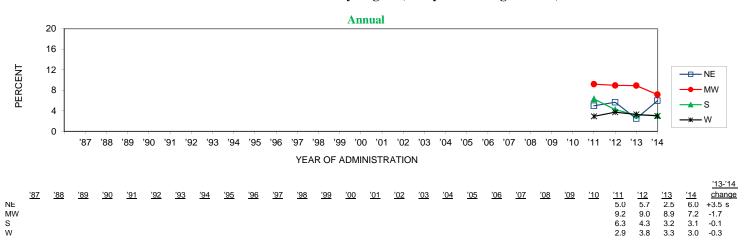
YEAR OF ADMINISTRATION

*80 *81 *82 *83 *84 *85 *86 *87 *88 *89 *90 *91 *92 *93 *94 *95 *96 *97 *98 *99 *00 *01 *02 *03 *04 *05 *06 *07 *08 *09 *10 *11 *12 *13 *14 change

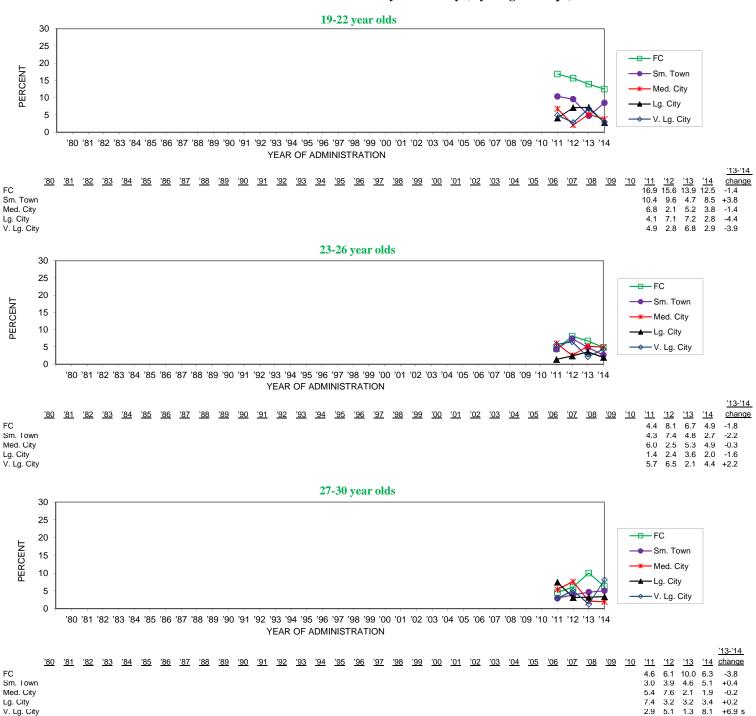
Males

Females

Trends in Use of Snus by Region (1-10 yrs. Past High School)



Trends in Annual Use of Snus by Urbanicity (4 yr. Age Groups)



Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.